

Microbiome Information for: Allergic Rhinitis (Hay Fever)

For non-prescribing Medical professionals Review

The suggestions below are based on an Expert System (Artificial Intelligence) modelled after the MYCIN Expert System produced at Stanford University School of Medicine in 1972. The system uses over 1,800,000 facts with backward chaining to sources of information. The typical sources are studies published on the US National Library of Medicine.

Many recent studies has found that symptoms and symptom severity has strong associations to the microbiome for many conditions. Correcting the microbiome dysfunction is beleived to reduce the severity of symptoms. In some cases, this correction may cause symptoms to disappear.

These are *a priori suggestions* that are predicted to independently reduce microbiome dysfunction. Suggestions should *only be done after a review* by a medical professional factoring in patient's conditions, allergies and other issues.

This report may be freely shared by a patient to their medical professionals

Best practise for making microbiome adjustments is to obtain the individuals microbiome. The following are the best microbiome to use with this expert system model. The suggestions below are intended as temporary suggestions until a test result in received.

In the USA

Ombre (<https://www.ombrelab.com/>)

Thorne (<https://www.thorne.com/products/dp/gut-health-test>)

Worldwide: BiomeSight (<https://biomesight.com>) - Discount Code 'MICRO'

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: Research@MicrobiomePrescription.com

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Allergic Rhinitis (Hay Fever)

Nota Bena: Many studies are done with a small sample size or mixtures of condition subsets which can greatly diminish the ability to detect bacteria shifts.

Bacteria Name	Rank	Shift	Taxonomy ID	Bacteria Name	Rank	Shift	Taxonomy ID
Actinomycetes	class	Low	1760	[Clostridium] hylemonae	species	High	89153
Lachnospiraceae	family	Low	186803	Acetivibrio straminisolvans	species	Low	253314
Porphyromonadaceae	family	Low	171551	Acidaminococcus intestini	species	High	187327
Ruminococcaceae	family	High	541000	Agathobaculum butyriciproducens	species	Low	1628085
Acetobacter	genus	High	434	Anaerotruncus colihominis	species	High	169435
Acinetobacter	genus	High	469	Bifidobacterium adolescentis	species	Low	1680
Actinomyces	genus	High	1654	Bifidobacterium catenulatum	species	Low	1686
Akkermansia	genus	Low	239934	Bifidobacterium longum	species	Low	216816
Aspergillus	genus	High	5052	Clostridium butyricum	species	Low	1492
Bacteroides	genus	High	816	Coprococcus eutactus	species	Low	33043
Blautia	genus	High	572511	Dialister succinatiphilus	species	Low	487173
Burkholderia	genus	Low	32008	Enterocloster asparagiformis	species	Low	333367
Clostridium	genus	High	1485	Escherichia coli	species	Low	562
Dialister	genus	Low	39948	Eubacterium xylanophilum	species	Low	39497
Dorea	genus	High	189330	Intestinimonas butyriciproducens	species	Low	1297617
Enterobacter	genus	High	547	Lactobacillus iners	species	Low	147802
Enterococcus	genus	High	1350	Mediterraneibacter gnavus	species	High	33038
Escherichia	genus	High	561	Moraxella catarrhalis	species	High	480
Faecalibacterium	genus	Low	216851	Muricomes intestini	species	Low	1796634
Haemophilus	genus	High	724	Murimonas intestini	species	Low	1337051
Halomonas	genus	High	2745	Oscillibacter valericigenes	species	Low	351091
Lactobacillus	genus	Low	1578	Oxalobacter formigenes	species	Low	847
Mycoplasma	genus	High	2093	Phocaeicola massiliensis	species	Low	204516
Parabacteroides	genus	High	375288	Pseudomonas aeruginosa	species	High	287
Prevotella	genus	High	838	Rothia mucilaginosa	species	Low	43675
Pseudomonas	genus	Low	286	Ruminiclostridium papyrosolvans	species	Low	29362
Pyramidobacter	genus	High	638847	Staphylococcus aureus	species	High	1280
Rothia	genus	High	508215	Streptococcus parasanguinis	species	Low	1318
Staphylococcus	genus	High	1279	Streptococcus pneumoniae	species	High	1313
Zoogloea	genus	Low	349	Streptococcus pyogenes	species	High	1314
Bacteroidales	order	High	171549	Sutterella wadsworthensis	species	Low	40545
Pseudomonadales	order	Low	72274	Vibrio vulnificus	species	High	672

Substance to Consider Adding or Taking

These are the most significant substances that are likely to improve the microbiome dysfunction. Dosages are based on the dosages used in clinical studies. For more information see: <https://microbiomeprescription.com/library/dosages>. These are provided as examples only

Colors indicates the type of substance: i.e. probiotics and prebiotics, herbs and spices, etc. There is no further meaning to them.

Ethyl alcohol {Grain alcohol}	Sucralose {Splenda}	340 mg/day
Ferrum {Iron Supplements}	Tobacco consumption {Smoking}	
400 mg/day		

Substance to Consider Reducing or Eliminating

These are the most significant substances have been identified as probably contributing to the microbiome dysfunction.

In some cases blood work may show low levels of some vitamins, etc. listed below. This may be due to *greedy* bacteria reported at a high level above. Viewing bacteria data on the Kyoto Encyclopedia of Genes and Genomes (<https://www.kegg.jp/>) may provide better insight on the course of action to take.

(2->1)-beta-D-fructofuranan {Inulin}	grapes
2-Methyl-5-(1-methylethyl)phenol {Carvacrol}	green tea
3,3',4',5,7-pentahydroxyflavone {Quercetin}	Honey {Honey }
allium sativum {garlic}	Hordeum vulgare {Barley}
Avena sativa x Hordeum vulgare {barley,oat}	Lactocaseibacillus casei {L. casei}
Azadirachta indica {Neem}	lactobacillus acidophilus {L. acidophilus}
bacillus	Lactobacillus plantarum {L. plantarum}
bacillus,lactobacillus,streptococcus,saccharomyces probiotic	Limosilactobacillus fermentum {L. fermentum}
bifidobacterium	Metha family {Mint}
Bifidobacterium animalis subsp. lactis {B. Lactis}	Moringa Oleifera
bifidobacterium bifidum {B. bifidum}	oligosaccharides {oligosaccharides}
Bovine Milk Products {Dairy}	origanum vulgare {oregano}
Cinnamomum zeylanicum {Ceylon Cinnamon}	polyphenols
Curcuma longa {Turmeric}	Probiotic Mixture 1 {Japanese Vet Probiotic}
D-(-)-Fructose {Fruit sugar}	Probiotic Mixture 2 {Vetafarm Probiotic}
Diferuloylmethane {Curcumin}	Propolis {Bee glue}
fructo-oligosaccharides	Punica granatum {pomegranate}
fruit	rosmarinus officinalis {rosemary}
fruit/legume fibre	Thymus vulgaris {thyme}
Grape Polyphenols {Grape Flavonoids}	yogurt
	Zingiber officinale Roscoe {ginger}

Sample of Literature Used

The following are the most significant of the studies used to generate these suggestions.

Allergen-specific sublingual immunotherapy altered gut microbiota in patients with allergic rhinitis.

Frontiers in cellular and infection microbiology , Volume: 14 2024

Authors Wu J,Wang D,He WJ,Li JY,Mo X,Li YJ

Quercetin Alleviates the Progression of Chronic Rhinosinusitis Without Nasal Polyps by Inhibiting Nasal Mucosal Inflammation and Epithelial Apoptosis.

Molecular biotechnology , 2024 Sep 6

Authors Meng L,Qu X,Tao P,Dong J,Guo R

[Effect of nasal microbial diversity on postoperative prognosis of patients with chronic sinusitis and nasal polyp].

Zhonghua er bi yan hou tou jing wai ke za zhi = Chinese journal of otorhinolaryngology head and neck surgery , Volume: 59 Issue: 8 2024 Aug 7

Authors Gan WG,Liu XC,Liu F

Dimension reduction of microbiome data linked Bifidobacterium and Prevotella to allergic rhinitis.

Scientific reports , Volume: 14 Issue: 1 2024 Apr 5

Authors Komaki S,Sahoyama Y,Hachiya T,Koseki K,Ogata Y,Hamazato F,Shiozawa M,Nakagawa T,Suda W,Hattori M,Kawakami E

Alterations in the Gut Microbiome of Young Children with Airway Allergic Disease Revealed by Next-Generation Sequencing.

Journal of asthma and allergy , Volume: 16 2023

Authors Wan J,Song J,Lv Q,Zhang H,Xiang Q,Dai H,Zheng H,Lin X,Zhang W

Microbial characterization of the nasal cavity in patients with allergic rhinitis and non-allergic rhinitis.

Frontiers in cellular and infection microbiology , Volume: 13 2023

Authors Che Y,Wang N,Ma Q,Liu J,Xu Z,Li Q,Wang J,Sun Y

Asthma, obesity, and microbiota: A complex immunological interaction.

Immunology letters , Volume: 255 2023 Mar

Authors Menegati LM,de Oliveira EE,Oliveira BC,Macedo GC,de Castro E Silva FM

The Role of Staphylococcus aureus and Its Toxins in the Pathogenesis of Allergic Asthma.

International journal of molecular sciences , Volume: 24 Issue: 1 2022 Dec 30

Authors Jorde I,Schreiber J,Stegemann-Koniszewski S

Microbiome profiling of nasal extracellular vesicles in patients with allergic rhinitis.

The World Allergy Organization journal , Volume: 15 Issue: 8 2022 Aug

Authors Chiang TY,Yang YR,Zhuo MY,Yang F,Zhang YF,Fu CH,Lee TJ,Chung WH,Chen L,Chang CJ

Staph's Toxins IgE Antibodies and Its Relation to the Severity of Allergic Rhinitis.

Journal of asthma and allergy , Volume: 15 2022

Authors Guzmán-Avilán RI,González-Díaz SN,Guzmán-Avilán KD,De la Cruz-De la Cruz C,de León-Gutiérrez H,Guzmán-López S

Virulence triggered allergies: Pseudomonas gets the Las laugh.

Immunity , Volume: 55 Issue: 5 2022 May 10

Authors McCarville JL,Ayres JS

Pediatric allergic rhinitis with functional gastrointestinal disease: Associations with the intestinal microbiota and gastrointestinal peptides and therapeutic effects of interventions.

Human & experimental toxicology , 2021 May 21

Authors Hu B,Kuang Y,Jing Y,Li Y,Zhao H,Ouyang H

Differences in gut microbiota between allergic rhinitis, atopic dermatitis, and skin urticaria: A pilot study.

Medicine , Volume: 100 Issue: 9 2021 Mar 5

Authors Su YJ,Luo SD,Hsu CY,Kuo HC

[Role of gut microbiota in children with allergic rhinitis with high serum total IgE level].

Lin chuang er bi yan hou tou jing wai ke za zhi = Journal of clinical otorhinolaryngology, head, and neck surgery , Volume: 34 Issue: 12 2020 Dec

Authors Lin Y,Rui X,Li Y

The Gut Microbiome of Adults with Allergic Rhinitis Is Characterised by Reduced Diversity and an Altered Abundance of Key Microbial Taxa Compared to Controls.

International archives of allergy and immunology , Volume: 182 Issue: 2 2021

Authors Watts AM,West NP,Zhang P,Smith PK,Cripps AW,Cox AJ

Dysbiosis of Fecal Microbiota in Allergic Rhinitis Patients.

American journal of rhinology & allergy , Volume: 34 Issue: 5 2020 Sep

Authors Liu X,Tao J,Li J,Cao X,Li Y,Gao X,Fu Y

Advances in the diagnosis and management of pulmonary aspergillosis.**Advances in respiratory medicine** , Volume: 87 Issue: 6 2019

Authors Gao Y,Soubani A

Development of the Microbiota and Associations With Birth Mode, Diet, and Atopic Disorders in a Longitudinal Analysis of Stool Samples, Collected From Infancy Through Early Childhood.**Gastroenterology** , Volume: 158 Issue: 6 2020 May

Authors Galazzo G,van Best N,Bervoets L,Dapaah IO,Savelkoul PH,Hornef MV,GI-MDH consortium,Lau S,Hamelmann E,Penders J

Fermented red ginseng and ginsenoside Rd alleviate ovalbumin-induced allergic rhinitis in mice by suppressing IgE, interleukin-4, and interleukin-5 expression.**Journal of ginseng research** , Volume: 43 Issue: 4 2019 Oct

Authors Kim HI,Kim JK,Kim JY,Han MJ,Kim DH

Nasal instillation of probiotic extracts inhibits experimental allergic rhinitis.**Immunotherapy** , Volume: 11 Issue: 15 2019 Oct

Authors Zeng XH,Yang G,Liu JQ,Geng XR,Cheng BH,Liu ZQ,Yang PC

Gut microbial dysbiosis is associated with allergen-specific IgE responses in young children with airway allergies.**The World Allergy Organization journal** , Volume: 12 Issue: 3 2019

Authors Chiu CY,Chan YL,Tsai MH,Wang CJ,Chiang MH,Chiu CC

Allergic Patients with Long-Term Asthma Display Low Levels of Bifidobacterium adolescentis.**PloS one** , Volume: 11 Issue: 2 2016

Authors Hevia A,Milani C,López P,Donado CD,Cuervo A,González S,Suárez A,Turroni F,Gueimonde M,Ventura M,Sánchez B,Margolles A

Differences in Gut Microbiota Between Atopic and Healthy Children.**Current microbiology** , Volume: 71 Issue: 2 2015 Aug

Authors Drell T,Larionova A,Voor T,Simm J,Julge K,Heilman K,Tillmann V,Štěpetova J,Sepp E

Streptococcus pyogenes upper respiratory infection and atopic conditions other than asthma: a retrospective cohort study.**Primary care respiratory journal : journal of the General Practice Airways Group** , Volume: 21 Issue: 2 2012 Jun

Authors Juhn YJ,Frey D,Li X,Jacobson R

Comorbidities between nose and skin allergy.**Current opinion in allergy and clinical immunology** , Volume: 11 Issue: 5 2011 Oct

Authors Olze H,Zuberbier T

Diversity of intestinal bifidobacteria in patients with Japanese cedar pollinosis and possible influence of probiotic intervention.**Current microbiology** , Volume: 62 Issue: 1 2011 Jan

Authors Kubota A,He F,Kawase M,Harata G,Hiramatsu M,Iino H

Histamine release after nasal challenge with anti-IgE and Staphylococcus aureus in patients with allergic rhinitis.**Pneumonologia i alergologia polska** , Volume: 60 Suppl 2 1992

Authors Dein T,Kristensen KS,Bisgaard H,Espersen F,Clements P,Permin H,Skov PS,Norn S

Combined Phytochemical Sulforaphane and Dietary Fiber Inulin Contribute to the Prevention of ER-Negative Breast Cancer via PI3K/AKT/MTOR Pathway and Modulating Gut Microbial Composition.**Nutrients** , Volume: 17 Issue: 12 2025 Jun 17

Authors Wu H,Witt BL,van der Pol WJ,Morrow CD,Duck LW,Tollefsbol TO

Incorporation of Azadirachta indica kernel in the diet of guinea pigs: effects on digestibility and caecal health.**Tropical animal health and production** , Volume: 57 Issue: 6 2025 Jun 21

Authors Djoumessi Tobou GF,Kenfack LBM,Miégué E,Fokom DW,Kuitche HM,Kesnel ZDD,Tendonkeng F,Clerge T,Hornick JL

Dietary Galacto-Oligosaccharides Enhance Growth Performance and Modulate Gut Microbiota in Weaned Piglets: A Sustainable Alternative to Antibiotics.**Animals : an open access journal from MDPI** , Volume: 15 Issue: 11 2025 May 22

Authors Wang Y,Li Z,Chen G,Xing Y,Wang J,Zhao Y,Kang M,Huang K,Li E,Ma X

Impact of the Probiotic on the Modulation of Vaginal Bacterial and Fungal Microbiota in HPV-Positive Women.**Molecular nutrition & food research** , 2025 Jun 11

Authors Xu P,Uma Mageswary M,Nisaa AA,Balasubramaniam SD,Samsudin SB,Rusdi NIBM,Jerip ARA,Oon CE,Bakar MHA,Tan JJ,Roslan FF,Kadir MN,Ismail EHBE,Sany SB,Tan CS,Liong MT

High doses of the galactooligosaccharides, 2'-fucosyllactose alleviate immunodeficiency in vitro and in vivo.**European journal of nutrition** , Volume: 64 Issue: 5 2025 Jun 9

Authors Li X,Li Y,Cheng K,Song T,Wang Y,Zhou H,Xu Y,Chaibou OZ,Wang B,Li H

Impact of Iron Deficiency on the Growth and Bioelectrical Profile of Different Gut Bacteria.**MicrobiologyOpen** , Volume: 14 Issue: 3 2025 Jun

Authors Quarta E,Bourqgia-Ramzi M,Muñoz-Rodríguez D,García-Esteban MT,Murciano-Cespedosa A,Mateos González Á,Conejero-Meca FJ,Lombardo-Hernandez J,Mansilla-Guardiola J,Baroni S,Geninatti Crich S,Geuna S,Munaron L,Chiabrando D,Herrera-Rincon C

[Impact of Ginger on Gut Microbiota Composition and Function in a Bacteroides-Dominant Enterotype.](#)

Journal of microbiology and biotechnology , Volume: 35 2025 May 26

Authors Kim J,Ha J,Kim S,Kim G,Shin H

[Lactobacillus plantarum and Galacto-Oligosaccharides Synbiotic Relieve Irritable Bowel Syndrome by Reshaping Gut Microbiota and Attenuating Mast Cell Hyperactivation.](#)

Nutrients , Volume: 17 Issue: 10 2025 May 14

Authors Yao Q,Zhang W,Wang Y,Shi L,Zhao Y,Liang J,Zhao Y,Kang J,Zheng X,Guo R,Yuan T,She Y,Liu Z

[Bifidobacterium animalis Subsp. lactis PB200 Improves Intestinal Barrier Function and Flora Disturbance in Mice with Antibiotic-Induced Intestinal Injury.](#)

Nutrients , Volume: 17 Issue: 10 2025 May 8

Authors Wang G,Gong H,Zou Y,Zhang H,Mao X

[Metabolic Stress Induced by Quercetin Enhances Dormancy and Persistence in Staphylococcus aureus.](#)

Antibiotics (Basel, Switzerland) , Volume: 14 Issue: 5 2025 Apr 22

Authors Kim DY,Kim TJ

[Impact of probiotic Lactobacillus plantarum GKM3 on gastrointestinal health in overweight and obese individuals: A randomized clinical trial.](#)

Clinical nutrition ESPEN , Volume: 68 2025 May 16

Authors Tsai YS,Lin XB,Lin SW,Chen YL,Hsu CL,Chen CC

[The protective effects of propolis against lipopolysaccharide-induced acute liver injury by modulating serum metabolites and gut flora.](#)

Scientific reports , Volume: 15 Issue: 1 2025 May 15

Authors Liu Z,Li Z,Guo Y,Li Y,Xuan H

[Synergistic Biocidal Effects of Curcumin, Chitosan, and Nickel Titanate-Based Nanohybrids for Enhanced Antibacterial and Anticancer Therapies.](#)

ACS applied bio materials , 2025 May 14

Authors Jeyasingh E,Panneerselvam HM,Chandrasekaran K,Moorthy S

[Crosstalk Among Gut Microbiota, Fecal Metabolites, and Amygdala Neuropathology Genes After Ginger Polyphenol Administration in Female Rats with Neuropathic Pain: Evidence for Microbiota-Gut-Brain Connection.](#)

Nutrients , Volume: 17 Issue: 9 2025 Apr 25

Authors Shen CL,Santos JM,Elmassry MM,Chen F, Ji G,Presto P,Kiritoshi T,Liu X,Neugebauer V

[Barley polysaccharides modulate metabolic and mild cognitive impairment in naturally aging mice through the liver-gut-brain axis.](#)

International journal of biological macromolecules , 2025 May 6

Authors Fan M,Jiang Y,Cai C,Wang Z,Chen L,Zhang X,Yin H,Hu S,Liu J,Qian Z,Huang S

[Inulin Modulates Gut Microbiota and Increases Short-Chain Fatty Acids Levels to Inhibit Colon Tumorigenesis in Rat Models: A Systematic Review and Meta-Analysis.](#)

Journal of food science , Volume: 90 Issue: 5 2025 May

Authors Yu Y,He J,Fu H,Mi Y,Wu H,Gao Y,Li M

[Quercetin ameliorates obesity and inflammation via microbial metabolite indole-3-propionic acid in high fat diet-induced obese mice.](#)

Frontiers in nutrition , Volume: 12 2025

Authors Lu J,Huang Y,Zhang Y,Xie J,Guo Q,Yang H,Yang Y,Chen J,Su L

[Thyme oil-loaded chitosan microparticles: an antibacterial approach against pathogenic bacteria.](#)

3 Biotech , Volume: 15 Issue: 5 2025 May

Authors Thakur A,Sharma K

[Inulin Diet Alleviates Abdominal Aortic Aneurysm by Increasing Akkermansia and Improving Intestinal Barrier.](#)

Biomedicines , Volume: 13 Issue: 4 2025 Apr 9

Authors Guo S,Yang F,Zhang J,Liao Y,Xia N,Tang T,Wang C,Wang QK,Chen C,Hu D,Shan Z,Cheng X

[Alleviating Effect of Lactiplantibacillus plantarum HYY-S10 on Colitis in Mice Based on an Analysis of the Immune Axis in the Intestine.](#)

Microorganisms , Volume: 13 Issue: 4 2025 Apr 7

Authors Li M,Liu X,Chen W,Xu H,Huang F,Yao Q,Jia X,Huang Y

[Metabolic Profile, Antioxidant, Antimicrobial, Contractile, and Anti-Inflammatory Potential of Moringa oleifera Leaves \(India\).](#)

Life (Basel, Switzerland) , Volume: 15 Issue: 4 2025 Apr 1

Authors Panova N,Gerasimova A,Tumbarski Y,Ivanov I,Todorova M,Dincheva I,Gentscheva G,Gledacheva V,Slavchev

V,Stefanova I,Petkova N,Nikolova S,Nikolova K

Alcohol exposure alters the diversity and composition of oral microbiome.

Frontiers in cellular and infection microbiology , Volume: 15 2025

Authors Zhao Z,Li J,Liu J,Zhang X,Qie Y,Sun Y,Liu N,Liu Q

Selenium-enriched green tea extracts: chemical constituents and effects on antioxidant and anti-inflammatory factors and four major intestinal flora in mice with intestinal disorders.

Journal of the science of food and agriculture , 2025 Apr 15

Authors Yang H,Tao H,Xu C,Song J,Teng C,Pan C,Wei S

Electrostatically assembled maghemite nanoparticles-Lactobacillus plantarum: A novel hybrid for enhanced antioxidant, antimicrobial, and antibiofilm efficacy.

Bioresource technology , 2025 Apr 12

Authors Shingade JA,Padalkar NS,Shin JH,Kim YH,Park TJ,Park JP,Patil AR

Associations of alcohol with the human gut microbiome and prospective health outcomes in the FINRISK 2002 cohort.

European journal of nutrition , Volume: 64 Issue: 4 2025 Apr 11

Authors Koponen K,McDonald D,Jousilahti P,Meri G,Inouye M,Lahti L,Niiranen T,Männistö S,Havulinna A,Knight R,Salomaa V

GC/MS and LC Composition Analysis of Essential Oil and Extracts From Wild Rosemary: Evaluation of Their Antioxidant, Antimicrobial, and Anti-Inflammatory Activities.

Biomedical chromatography : BMC , Volume: 39 Issue: 5 2025 May

Authors Mahboub N,Cherfi I,Laouini SE,Bouafia A,Benaissa A,Alia K,Alharthi F,Al-Essa K,Menaa F

Pharmacological insights into Azadirachta indica fruit: GC-MS Profiling and evaluation of key bioactivities on experimental animals.

Pakistan journal of pharmaceutical sciences , Volume: 38 Issue: 1 2025 Jan-Feb

Authors Razzak M,Riaz A,Rajput MA,Wahid S,Alqahtani A,Saeed Khan S,Nawaz M,Ahmed A

Antimicrobial Sponge: A Polyvinyl Alcohol, Tannic Acid and Curcumin-Loaded Nanolignin Hydrogel Composite Scaffold.

Gels (Basel, Switzerland) , Volume: 11 Issue: 3 2025 Feb 26

Authors Anand R,Collard D,Thomann JS,Duday D

The Development and Comparative Evaluation of Rosemary Hydroalcoholic Macerate-Based Dermatocosmetic Preparations: A Study on Antioxidant, Antimicrobial, and Anti-Inflammatory Properties.

Gels (Basel, Switzerland) , Volume: 11 Issue: 3 2025 Feb 20

Authors Sahlabgi A,Lupuliasa D,Stanciu G,Lup?or S,Vlaia LL,Rotariu R,Predescu NC,Radulescu C,Olteanu RL,Stanescu SG,Hincu L,Mititelu M

Alleviation effects of Lactobacillus plantarum in colitis aggravated by a high-salt diet depend on intestinal barrier protection, NF-?B pathway regulation, and oxidative stress improvement.

Food & function , 2025 Mar 20

Authors Chen Y,Liu N,Chen F,Liu M,Mu Y,Wang C,Xia L,Peng M,Zhou M

Chemical compositions and synergistical antimicrobial effects of essential oils from four commonly used Satureja species in combination with two conventional antibiotics.

Chemistry & biodiversity , 2025 Feb 27

Authors Abbad I,Soulaimani B,Iriti M,Barakate M

β-Glucan Alone or Combined with Lactobacillus acidophilus Positively Influences the Bacterial Diversity and Metabolites in the Colonic Microbiota of Type II Diabetic Patients.

Probiotics and antimicrobial proteins , 2025 Feb 26

Authors Clementino JR,de Oliveira LG,Salgaço MK,de Oliveira FL,Mesa V,Tavares JF,Silva-Pereira L,Raimundo BVB,Oliveira KC,Medeiros AI,Silva FA,Sivieri K,Magnani M

Chemical Characterization and Antibiotic-Enhancing Activity of the Essential Oils of Propolis of Melipona quadrifasciata quadrifasciata.

Plants (Basel, Switzerland) , Volume: 14 Issue: 4 2025 Feb 14

Authors Albuquerque ES,Paulo CLR,de Oliveira Borges JA,Gonçalves SA,Alencar GG,Ferreira do Carmo J,de Moraes Almeida AI,Santos MLD,Almeida-Bezerra JW,da Silva LE,Oliveira-Tintino CDM,Coutinho HDM

Diet Supplementation with Pomegranate Fruit Alters Distal Gut Microbiota of Healthy Female College Students.

Microorganisms , Volume: 13 Issue: 2 2025 Jan 30

Authors Badow B,Shaaban ES,Rajakaruna S,Saleh Z,Abdelaziz SA,Hussein L,Paliy O

Analysis of Polyphenols from Polygala major Jacq.

Antioxidants (Basel, Switzerland) , Volume: 14 Issue: 2 2025 Jan 27

Authors Yilmazer Keskin S,Avci A,Arif Ali Ali L,Keskin CS

Gut microbiota modulation and inflammation mitigation in a murine model through a hull-less and purple grain barley genotype.

Food & function , 2025 Feb 25

Authors Cortijo-Alfonso ME,Laghuaouta H,Pena RN,Martínez M,Yuste S,Rubió-Piqué L,Piñol-Felis C

Dairy Consumption and the Colonic Mucosa-Associated Gut Microbiota in Humans-A Preliminary Investigation.

Nutrients , Volume: 17 Issue: 3 2025 Feb 2

Authors Chen E,Ajami NJ,White DL,Liu Y,Gurwara S,Hoffman K,Graham DY,El-Serag HB,Petrosino JF,Jiao L

Lactobacillus fermentum 016 Alleviates Mice Colitis by Modulating Oxidative Stress, Gut Microbiota, and Microbial Metabolism.

Nutrients , Volume: 17 Issue: 3 2025 Jan 26

Authors Pan H,Yang S,Kulyar MF,Ma H,Li K,Zhang L,Mo Q,Li J

Carnosic acid reduces lipid content, enhances gut health, and modulates microbiota composition and metabolism in diet-induced obese mice.

Food & function , Volume: 16 Issue: 5 2025 Mar 3

Authors Zhang J,Shen M,Yin Y,Chen Y,Deng X,Mo J,Zhou X,Lin J,Chen X,Xie X,Wu X,Chen X

Synergistic defecation effects of Bifidobacterium animalis subsp. lactis BL-99 and fructooligosaccharide by modulating gut microbiota.

Frontiers in immunology , Volume: 15 2024

Authors Zhang Q,Zhao W,Luo J,Shi S,Niu X,He J,Wang Y,Zeng Z,Jiang Q,Fang B,Chen J,Li Y,Wang F,He J,Guo J,Zhang M,Zhang L,Ge S,Hung WL,Wang R

Protective Potential of Limosilactobacillus fermentum Strains and Their Mixture on Inflammatory Bowel Disease via Regulating Gut Microbiota in Mice.

Journal of microbiology and biotechnology , Volume: 35 2024 Dec 10

Authors Joung JY,Choi K,Lee JH,Oh NS

Enhanced antimicrobial effects of carvacrol against methicillin-resistant Staphylococcus aureus strains using niosome formulations.

Revista Argentina de microbiología , Volume: 57 Issue: 1 2025 Jan-Mar

Authors Bakhtiari R,Shiri M,Reza Mohammadi M,Reza Pourmand M,Mirzaie A,Taghiabadi Z

Comparative Evaluation of Different Mint Species Based on Their In Vitro Antioxidant and Antibacterial Effect.

Plants (Basel, Switzerland) , Volume: 14 Issue: 1 2025 Jan 2

Authors Sfafi A,Tavaszi-Sárosi S,Flórián K,Patonay K,Radácsi P,Juhász Á

Chemical Characterization and Antimicrobial Activity of Green Propolis from the Brazilian Caatinga Biome.

Plants (Basel, Switzerland) , Volume: 13 Issue: 24 2024 Dec 21

Authors Aldana-Mejía JA,Ribeiro VP,Katragunta K,Avula B,Tatapudi KK,Bastos JK,Khan IA,Meepagala K,Ross SA

Curcumin Mitigates Gut Dysbiosis and Enhances Gut Barrier Function to Alleviate Metabolic Dysfunction in Obese, Aged Mice.

Biology , Volume: 13 Issue: 12 2024 Nov 21

Authors Lamichhane G,Olawale F,Liu J,Lee DY,Lee SJ,Chaffin N,Alake S,Lucas EA,Zhang G,Egan JM,Kim Y

Determination of antibacterial and antioxidant potential of organic crude extracts from Malus domestica, Cinnamomum verum and Trachyspermum ammi.

Scientific reports , Volume: 15 Issue: 1 2025 Jan 6

Authors Irshad A,Jawad R,Mushtaq Q,Spalletta A,Martin P,Ishtiaq U

Antimicrobial activities of seasonally collected bee products: honey, propolis, royal jelly, venom, and mellitin.

Brazilian journal of biology = Revista brasleira de biología , Volume: 84 2024

Authors Obeidat M,Haddad MA,Ghnamat SA

Amelioration of inflammatory bowel disease by Bifidobacterium animalis subsp. lactis XLTG11 in combination with mesalazine.

Frontiers in microbiology , Volume: 15 2024

Authors Ma W,Wu Y,Lin X,Yang L,Huang L

Clinical Efficacy of Probiotics for Allergic Rhinitis: Results of an Exploratory Randomized Controlled Trial.

Nutrients , Volume: 16 Issue: 23 2024 Nov 30

Authors Lungaro L,Malfa P,Manza F,Costanzini A,Valentini G,Squarzanti DF,Viciani E,Velichevskaya A,Castagnetti A,Barbalinardo M,Gentili D,Cariani A,Ghisellini S,Caputo F,De Giorgio R,Caio G

A Novel Supplement Consisting of Rice, Silkworm Pupae and a Mixture of Ginger and Holy Basil Improves Post-Stroke Cognitive Impairment.

Nutrients , Volume: 16 Issue: 23 2024 Nov 29

Authors Thongwong P,Wattanathorn J,Thukham-Mee W

Polyphenols-rich Portulaca oleracea L. (purslane) alleviates ulcerative colitis through restoring the intestinal barrier, gut microbiota and metabolites.

Food chemistry , Volume: 468 2025 Mar 15

Authors Li Z,Chu T,Sun X,Zhuang S,Hou D,Zhang Z,Sun J,Liu Y,Li J,Bian Y

Microencapsulation of Azadirachta indica oil and Tinospora cordifolia extracts blend for single-use applications.

Heliyon , Volume: 10 Issue: 20 2024 Oct 30

Authors Khan O,Chandra Das S,Bedoura S

Natural compounds in the fight against Staphylococcus aureus biofilms: a review of antibiofilm strategies.

Frontiers in pharmacology , Volume: 15 2024

Authors Kashi M,Noei M,Chegini Z,Shariati A

Ultrasonic depolymerization of pomegranate peel pectin: Effect of sonication time on antioxidant, a-amylase inhibitory, and prebiotic properties.

Food chemistry: X , Volume: 24 2024 Dec 30

Authors Bachari S,Ghaderi-Ghahfarokhi M,Gavilighi HA,Zarei M

Limosilactobacillus Fermentun ZS09 Can Improve Antibiotic-Induced Motor Dysfunction in Mice by Regulating the Brain-Gut Functions.

Journal of inflammation research , Volume: 17 2024

Authors Yang Y,Zhao Y,Lei H,Tan X

Altered interaction network in the gut microbiota of current cigarette smokers.

Engineering microbiology , Volume: 4 Issue: 2 2024 Jun

Authors Zhu Z,Wang M,Guan Y,Li M,Peng Q,Zheng N,Ma W

Gut microbiota and mycobiota change with feeding duration in mice on a high-fat and high-fructose diet.

BMC microbiology , Volume: 24 Issue: 1 2024 Nov 29

Authors Zheng R,Xiang X,Shi Y,Xie J,Xing L,Zhang T,Zhou Z,Zhang D

Zingiber officinale Uncovered: Integrating Experimental and Computational Approaches to Antibacterial and Phytochemical Profiling.

Pharmaceuticals (Basel, Switzerland) , Volume: 17 Issue: 11 2024 Nov 19

Authors Sulieman AME,Ibrahim SM,Alshammari M,Abdulaziz F,Idriss H,Alanazi NAH,Abdallah EM,Siddiqui AJ,Shommo SAM,Jamal A,Badraoui R

Antimicrobial Activity of Origanum vulgare Essential Oil against Staphylococcus aureus and Escherichia coli.

Pharmaceuticals (Basel, Switzerland) , Volume: 17 Issue: 11 2024 Oct 25

Authors Tejada-Muñoz S,Cortez D,Rascón J,Chavez SG,Caetano AC,Díaz-Manchay RJ,Sandoval-Bances J,Huyhua-Gutierrez S,Gonzales L,Chenet SM,Tapia-Limonchi R

Probiotic-Loaded Bacterial Cellulose as an Alternative to Combat Carbapenem-Resistant Bacterial Infections.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 11 2024 Oct 25

Authors Gutiérrez-Fernández J,Cerezo-Collado L,Garcés V,Alarcón-Guijo P,Delgado-López JM,Dominguez-Vera JM

Tea Polyphenols Reduced Obesity by Modulating Gut Microbiota-SCFAs-Barrier and Inflammation in High-Fat Diet-Induced Mice.

Molecular nutrition & food research , Volume: 68 Issue: 24 2024 Dec

Authors Tian B,Huang P,Pan Y,Gu H,Yang K,Wei Z,Zhang X

Supplementation with inulin reverses cognitive flexibility alterations and modulates the gut microbiota in high-fat-fed mice.

Frontiers in behavioral neuroscience , Volume: 18 2024

Authors González-Velázquez G,Aguirre-Garrido JF,Oros-Pantoja R,Salinas-Velarde ID,Contreras I,Estrada JA,Soto-Piña AE

Galacto-oligosaccharides regulate intestinal mucosal sialylation to counteract antibiotic-induced mucin dysbiosis.

Food & function , Volume: 15 Issue: 24 2024 Dec 9

Authors Xu L,Li X,Han S,Mu C,Zhu W

Daily intake of a dairy-based nutritional supplement improved self-reported gastrointestinal symptoms and modulated microbiota in adult Chinese volunteers.

Scientific reports , Volume: 14 Issue: 1 2024 Nov 19

Authors Borewicz K,Zhao Y,Zhu Y

Limosilactobacillus fermentum KBL674 Alleviates Vaginal Candidiasis.

Probiotics and antimicrobial proteins , 2024 Nov 19

Authors Jang SJ,Jo EJ,Lee C,Cho BR,Shin YJ,Song JS,Kim WK,Lee N,Lee H,Park S,Ko G

Phytochemicals, antioxidant, and antimicrobial activities of Opuntia stricta fruits peel.

Open veterinary journal , Volume: 14 Issue: 10 2024 Oct

Authors Affi W,Mohamed AA,Gharsallah N,Smetanska I,Zourgui L

Investigating antibacterial and anti-inflammatory properties of synthetic curcuminoids.

Frontiers in medicine , Volume: 11 2024

Authors Veselá K,Kejřík Z,Abramenko N,Kaplánek R,Jakubek M,Petrlova J

Dipeptides from Lactiplantibacillus plantarum limit Pseudomonas aeruginosa pathogenesis.

Journal of applied microbiology , Volume: 135 Issue: 11 2024 Nov 4

Authors Narasimulu J,Baburajan N,Saravanan TS,Raorane CJ,Vaidyanathan VK,Ravichandran V,Rajasekharan SK

Growth assessment of mixed cultures of probiotics and common pathogens.

Anaerobe , 2023 Oct 28

Authors Fredua-Agyeman M, Stapleton P, Gaisford S

Microbiota-Focused Dietary Approaches to Support Health: A Systematic Review.

The Journal of nutrition , Volume: 155 Issue: 2 2025 Feb

Authors Hindle VK, Veasley NM, Holscher HD

Cigarette smoke compromises macrophage innate sensing in response to pneumococcal infection.

Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , 2024 Oct 28

Authors Liao WC, Chou CH, Ho MW, Chen JT, Chou SL, Huang YT, Bui NN, Wu HY, Lee CF, Huang WC, Lai CH

Bone Healing via Carvacrol and Curcumin Nanoparticle on 3D Printed Scaffolds.

Small (Weinheim an der Bergstrasse, Germany) , 2024 Oct 27

Authors Dahiya A, Chaudhari VS, Bose S

Lecithin-based mixed polymeric micelles for activity improvement of curcumin against Staphylococcus aureus.

Journal of biomaterials science. Polymer edition , 2024 Oct 26

Authors Jia Y, Li Y, Wang M, Wang F, Liu Q, Song Z

Bifidogenic Effect of Human Milk Oligosaccharides on Pediatric IBD Fecal Microbiota.

Microorganisms , Volume: 12 Issue: 10 2024 Sep 30

Authors Otaru N, Bajic D, Van den Abbeele P, Vande Velde S, Van Biervliet S, Steinert RE, Rehman A

Effects of Different Levels of Green Tea Powder on Performance, Antioxidant Activity, Egg Mass, Quality, and Cecal Microflora of Chickens.

Animals : an open access journal from MDPI , Volume: 14 Issue: 20 2024 Oct 18

Authors Luo W, Tan Q, Li H, Ye T, Xiao T, Tian X, Wang W

Oregano essential oil and Bacillus subtilis role in enhancing broiler's growth, stress indicators, intestinal integrity, and gene expression under high stocking density.

Scientific reports , Volume: 14 Issue: 1 2024 Oct 25

Authors Elbaz AM, El-Sonousy NK, Arafa AS, Sallam MG, Ateya A, Abdelhady AY

Antimicrobial Activity of Honey and Propolis from Alba County, Romania.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 10 2024 Oct 10

Authors Vica ML, Glevitzky M, Dumitrel GA, Popa M, Glevitzky I, Teodoru CA

Antimicrobial activity of essential oil components against Escherichia coli depends on the food components present in a food matrix.

Food microbiology , Volume: 125 2025 Jan

Authors Gómez-Llorente H, Pérez-Esteve É, Barat JM, Jiménez MC, González-Bello C, Fernández-Segovia I

Characterization of thyme essential oil microcapsules and potato starch/pectin composite films and their impact on the quality of chilled mutton.

Food chemistry , Volume: 464 Issue: Pt 2 2025 Feb 1

Authors Wang J, Li L, Li Y, Song Q, Hu Y, Wang Q, Lu S

Development and Assessment of a Multipurpose Herbal Cream With Moringa oleifera Lam.

Cureus , Volume: 16 Issue: 9 2024 Sep

Authors Suresh M, Mukundan SK, Rajasekar S, Gokulakrishnan S, Purushothaman N, Sethuraman SP

Supplementation of curcumin promotes the intestinal structure, immune barrier function and cecal microbiota composition of laying hens in early laying period.

Poultry science , Volume: 103 Issue: 12 2024 Sep 24

Authors Xu Z, Zhu W, Xu D, Amezur FK, Wu Y, Ma D, Cao X, Wei S, Shu G, Zhao X

Biocompatible Poly(e-Caprolactone) Nanocapsules Enhance the Bioavailability, Antibacterial, and Immunomodulatory Activities of Curcumin.

International journal of molecular sciences , Volume: 25 Issue: 19 2024 Oct 4

Authors D'Angeli F, Granata G, Romano IR, Distefano A, Lo Furno D, Spila A, Leo M, Miele C, Ramadan D, Ferroni P, Li Volti G, Accardo P, Geraci C, Guadagni F, Genovese C

Effects of xylo-oligosaccharide supplementation on the production performance, intestinal morphology, cecal short-chain fatty acid levels, and gut microbiota of laying hens.

Poultry science , Volume: 103 Issue: 12 2024 Dec

Authors Xiong S, Zhang K, Wang J, Bai S, Zeng Q, Liu Y, Peng H, Xuan Y, Mu Y, Tang X, Ding X

Effects of iron supplements and iron-containing micronutrient powders on the gut microbiome in Bangladeshi infants: a randomized controlled trial.

Nature communications , Volume: 15 Issue: 1 2024 Oct 5

Authors Baldi A, Braat S, Hasan MI, Bennett C, Barrios M, Jones N, Abdul Azeez I, Wilcox S, Roy PK, Bhuiyan MSA, Ataide R, Clucas D, Larson LM, Hamadani J, Zimmermann M, Bowden R, Jex A, Biggs BA, Pasricha SR

Lactobacillus acidophilus CICC 6075 attenuates high-fat diet-induced obesity by improving gut microbiota composition and histidine biosynthesis.

Bioscience of microbiota, food and health , Volume: 43 Issue: 4 2024

Authors Zhang S,Yang S,Zhuang Y,Yang D,Gu X,Wang Y,Wang Z,Chen R,Yan F

Garlic Bioconverted by Bacillus subtilis Stimulates the Intestinal Immune System and Modulates Gut Microbiota Composition.

Molecular nutrition & food research , Volume: 68 Issue: 20 2024 Oct

Authors Tonog G,Yu H,Moon SK,Lee S,Jeong H,Kim HS,Kim KB,Suh HJ,Kim H

Combination of Lactiplantibacillus Plantarum ELF051 and Astragalus Polysaccharides Improves Intestinal Barrier Function and Gut Microbiota Profiles in Mice with Antibiotic-Associated Diarrhea.

Probiotics and antimicrobial proteins , 2024 Oct 1

Authors Zhong B,Liang W,Zhao Y,Li F,Zhao Z,Gao Y,Yang G,Li S

Rosmarinus officinalis and Zataria multiflora extracts enhanced antibacterial activity of ciprofloxacin against methicillin-resistant Staphylococcus aureus.

Natural product research , 2024 Oct 1

Authors Samadi Z,Mousavi Ghahfarrokhi SS,Jafari H,Nikrou S,Vazirian M,Samadi N

Barley β -glucan consumption improves glucose tolerance by increasing intestinal succinate concentrations.

NPJ science of food , Volume: 8 Issue: 1 2024 Sep 30

Authors Mio K,Goto Y,Matsuoka T,Komatsu M,Ishii C,Yang J,Kobayashi T,Aoe S,Fukuda S

Substitutive Effects of Milk vs. Vegetable Milk on the Human Gut Microbiota and Implications for Human Health.

Nutrients , Volume: 16 Issue: 18 2024 Sep 14

Authors Mondragón Portocarrero ADC,Lopez-Santamarina A,Lopez PR,Ortega ISI,Duman H,Karav S,Miranda JM

Candidate-Probiotic Lactobacilli and Their Postbiotics as Health-Benefit Promoters.

Microorganisms , Volume: 12 Issue: 9 2024 Sep 19

Authors Dobрева L,Atanasova N,Donchev P,Krumova E,Abrashev R,Karakirova Y,Mladenova R,Tolchkov V,Ralchev N,Dishliyska V,Danova S

Synthesis of Tellurium Nanoparticles Using Moringa oleifera Extract, and Their Antibacterial and Antibiofilm Effects against Bacterial Pathogens.

Microorganisms , Volume: 12 Issue: 9 2024 Sep 6

Authors Ao B,Jiang H,Cai X,Liu D,Tu J,Shi X,Wang Y,He F,Lv J,Li J,Hu Y,Xia X,Hou J

Determinants of raffinose family oligosaccharide use in Bacteroides species.

Journal of bacteriology , Volume: 206 Issue: 10 2024 Oct 24

Authors Basu A,Adams AND,Degnan PH,Vanderpool CK

Antimicrobial effect of combined preservatives using chestnut inner shell, cinnamon, and e-poly-lysine against food-poisoning bacteria Staphylococcus aureus.

Food science and biotechnology , Volume: 33 Issue: 14 2024 Nov

Authors Lee NK,Park YJ,Kang CE,Kim JH,Shin D,Lee DH,Paik HD

Aged garlic oligosaccharides modulate host metabolism and gut microbiota to alleviate high-fat and high-cholesterol diet-induced atherosclerosis in ApoE(-/-) mice.

Food chemistry , Volume: 463 Issue: Pt 3 2025 Jan 15

Authors Wang X,Cui J,Gu Z,Guo L,Liu R,Guo Y,Qin N,Yang Y

In vitro and ex vivo metabolism of chemically diverse fructans by bovine rumen Bifidobacterium and Lactobacillus species.

Animal microbiome , Volume: 6 Issue: 1 2024 Sep 9

Authors King ML,Xing X,Reintjes G,Klassen L,Low KE,Alexander TW,Waldner M,Patel TR,Wade Abbott D

A probiotic Limosilactobacillus fermentum GR-3 mitigates colitis-associated tumorigenesis in mice via modulating gut microbiome.

NPJ science of food , Volume: 8 Issue: 1 2024 Sep 6

Authors Zhou T,Wu J,Khan A,Hu T,Wang Y,Salama ES,Su S,Han H,Jin W,Li X

Bacillus licheniformis suppresses Clostridium perfringens infection via modulating inflammatory response, antioxidant status, inflammasome activation and microbial homeostasis in broilers.

Poultry science , Volume: 103 Issue: 11 2024 Aug 21

Authors Xiao X,Qin S,Cui T,Liu J,Wu Y,Zhong Y,Yang C

Isolation and Identification of Human Gut Bacteria Capable of Converting Curcumin to Its Hydrogenated Metabolites.

Journal of agricultural and food chemistry , Volume: 72 Issue: 37 2024 Sep 18

Authors Luo M,Wong S,Thanuphol P,Du H,Han Y,Lin M,Guo X,Bechtel TD,Gibbons JG,Xiao H

Quercetin Alleviates the Progression of Chronic Rhinosinusitis Without Nasal Polyps by Inhibiting Nasal Mucosal Inflammation and Epithelial Apoptosis.

Molecular biotechnology , 2024 Sep 6

Authors Meng L,Qu X,Tao P,Dong J,Guo R

Cytotoxicity assessment and antimicrobial effects of cell-free supernatants from probiotic lactic acid bacteria and yeast against multi-drug resistant Escherichia coli.

Letters in applied microbiology , Volume: 77 Issue: 9 2024 Sep 2

Authors Ozma MA,Ghotaslou R,Asgharzadeh M,Abbasi A,Rezaee MA,Kafil HS

Effects of inulin on intestinal flora and metabolism-related indicators in obese polycystic ovary syndrome patients.

European journal of medical research , Volume: 29 Issue: 1 2024 Aug 31

Authors Li X,Jiang B,Gao T,Nian Y,Bai X,Zhong J,Qin L,Gao Z,Wang H,Ma X

Effects of Mint Oils on the Human Oral Microbiome: A Pilot Study.

Microorganisms , Volume: 12 Issue: 8 2024 Jul 27

Authors Abdelrahman SM,El Samak M,El-Baz LMF,Hanora AMS,Saty P,Dosoky NS

Effects of Moringa oleifera Leaf Powder on the Growth Performance, Meat Quality, Blood Parameters, and Cecal Bacteria of Broilers.

Veterinary sciences , Volume: 11 Issue: 8 2024 Aug 14

Authors Akib MG,Rifat A,Bormon C,Dutta A,Ataher MS,Azzam M,Farouk MH,Das R,Azad MAK,Mahfuz S

Lactocaseibacillus casei- and Bifidobacterium breve-fermented red pitaya promotes beneficial microbial proliferation in the colon.

Food & function , Volume: 15 Issue: 18 2024 Sep 16

Authors Cao L,Wan M,Xian Z,Zhou Y,Dong L,Huang F,Su D

Role and mechanism of Lactobacillus casei in the modulation of alcohol preference in mice.

International immunopharmacology , Volume: 141 2024 Nov 15

Authors Li Y,Yang J,Guo L

Epicatechin and β -glucan from whole highland barley grain ameliorates hyperlipidemia associated with attenuating intestinal barrier dysfunction and modulating gut microbiota in high-fat-diet-fed mice.

International journal of biological macromolecules , Volume: 278 Issue: Pt 3 2024 Oct

Authors Liu Z,Tang R,Liu J,Zhang Z,Li Y,Zhao R

Oral aged garlic (Allium sativum) alleviates ulcerative colitis in mice by improving gut homeostasis.

Food & function , Volume: 15 Issue: 17 2024 Aug 27

Authors Han D,Guan X,Zhu F,Yang Q,Su D

Quercetin Increases Growth Performance and Decreases Incidence of Diarrhea and Mechanism of Action in Weaned Piglets.

Oxidative medicine and cellular longevity , Volume: 2024 2024

Authors Mao Y,Yang Q,Liu J,Fu Y,Zhou S,Liu J,Ying L,Li Y

Moringa leaf meal exerts growth benefits in small ruminants through modulating the gastrointestinal microbiome.

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Aug 12

Authors Nehra C,Harshini V,Shukla N,Chavda P,Savaliya K,Patil S,Shah T,Pandit R,Patil NV,Patel AK,Kachhawaha S,Kumawat RN,Joshi M,Joshi CG

Alginate Oligosaccharides Enhance Antioxidant Status and Intestinal Health by Modulating the Gut Microbiota in Weaned Piglets.

International journal of molecular sciences , Volume: 25 Issue: 15 2024 Jul 23

Authors Liu M,Deng X,Zhao Y,Everaert N,Zhang H,Xia B,Schroyen M

The alleviative effects of viable and inactive Lactobacillus paracasei CCFM1120 against alcoholic liver disease via modulation of gut microbiota and the Nrf2/HO-1 and TLR4/MyD88/NF- κ B pathways.

Food & function , Volume: 15 Issue: 17 2024 Aug 27

Authors Niu B,Feng Y,Cheng X,Xiao Y,Zhao J,Lu W,Tian F,Chen W

Effects of bacteriocin-producing Lactiplantibacillus plantarum on bacterial community and fermentation profile of whole-plant corn silage and its in vitro ruminal fermentation, microbiota, and CH₄ emissions.

Journal of animal science and biotechnology , Volume: 15 Issue: 1 2024 Aug 7

Authors Li Z,Usman S,Zhang J,Zhang Y,Su R,Chen H,Li Q,Jia M,Amole TA,Guo X

Effect of dietary Moringa oleifera on production performance and gut health in broilers.

Journal of advanced veterinary and animal research , Volume: 11 Issue: 2 2024 Jun

Authors Gul S,Hussain F,Taj R,Ullah A

Formulation of Garlic Essential Oil-assisted Silver Nanoparticles and Mechanistic Evaluation of their Antimicrobial Activity against a Spectrum of Pathogenic Microorganisms.

Current topics in medicinal chemistry , Volume: 24 Issue: 22 2024

Authors Sarangi A,Das BS,Panigrahi LL,Arakha M,Bhattacharya D

Exploring the anti-inflammatory effects of postbiotic proteins from Lactobacillus delbrueckii CIDCA 133 on inflammatory bowel disease model.

International journal of biological macromolecules , Volume: 277 Issue: Pt 2 2024 Jul 26

Authors Freitas ADS,Barroso FAL,Campos GIM,Américo MF,Viegas RCDS,Gomes GC,Vital KD,Fernandes SOA,Carvalho RDO,Jardin J,Miranda APGDS,Ferreira E,Martins FS,Laguna JG,Jan G,Azevedo V,de Jesus LCL

Hepatoprotective potential of four fruit extracts rich in different structural flavonoids against alcohol-induced liver injury via gut microbiota-liver axis.

Food chemistry , Volume: 460 Issue: Pt 2 2024 Dec 1

Authors Chen Y,Ma H,Liang J,Sun C,Wang D,Chen K,Zhao J, Ji S, Ma C,Ye X,Cao J,Wang Y,Sun C

Lactacaseibacillus casei IB1 Alleviates DSS-Induced Inflammatory Bowel Disease by Regulating the Microbiota and Restoring the Intestinal Epithelial Barrier.

Microorganisms , Volume: 12 Issue: 7 2024 Jul 6

Authors Lao J,Yan S,Yong Y,Li Y,Wen Z,Zhang X,Ju X,Li Y

In Vitro Antimicrobial Potential of Portuguese Propolis Extracts from Gerês against Pathogenic Microorganisms.

Antibiotics (Basel, Switzerland) , Volume: 13 Issue: 7 2024 Jul 16

Authors Oliveira RD,Araújo C,Almeida-Aguar C

Enhancing gut microbiota and microbial function with inulin supplementation in children with obesity.

International journal of obesity (2005) , 2024 Jul 20

Authors Visuthranukul C,Sriswasdi S,Tepaamorndech S,Chamni S,Leelahavanichkul A,Joyjinda Y,Aksornkitti V,Chomtho S

Effects of combined treatment with hydrogen-rich electrolyzed water and tea polyphenols on oxidative stress, intestinal injury and intestinal flora disruption in heat-stressed mice.

Journal of thermal biology , Volume: 123 2024 Jul

Authors Zang Y,Zhang B,Zhang G,Hu J,Shu D,Han J,Hu M,Tu M,Qiao W,Liu R,Zang Y

A 90-day subchronic exposure to heated tobacco product aerosol caused differences in intestinal inflammation and microbiome dysregulation in rats.

Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco , 2024 Jul 19

Authors Tian Y,Cheng J,Yang Y,Wang H,Fu Y,Li X,Wang W, Ma S,Xu X,Lu F,Feng P,Han S,Chen H,Hou H,Hu Q,Wu C

Effects of Lactiplantibacillus plantarum CCFM1214 and Ligilactobacillus salivarius CCFM1215 on halitosis: a double-blind, randomized controlled trial.

Food & function , 2024 Jul 19

Authors Ding L,Wang Y,Jiang Z,Tang X,Mao B,Zhao J,Chen W,Zhang Q,Cui S

Modulation of Human Gut Microbiota In Vitro by Inulin-Type Fructan from Codonopsis pilosula Roots.

Indian journal of microbiology , Volume: 64 Issue: 2 2024 Jun

Authors Li J,Cao L, Ji J, Shen M,Gao J

Apple polysaccharide improves age-matched cognitive impairment and intestinal aging through microbiota-gut-brain axis.

Scientific reports , Volume: 14 Issue: 1 2024 Jul 13

Authors Zhang W,Zhong Y,Wang Z,Tang F,Zheng C

The Effect of the Lactacaseibacillus paracasei BEPC22 and Lactiplantibacillus plantarum BLP53 Combination (BN-202M) on Body Fat Percentage Loss in Overweight Individuals: A Randomized, Double-Blind, Placebo-Controlled Study.

Nutrients , Volume: 16 Issue: 13 2024 Jun 23

Authors Kwon HS,Kim SJ,Shin KJ,Kim S,Yun J,Bae J,Tak HJ, Lee NR,Kim HJ

Sucralose Influences the Productive Performance, Carcass Traits, Blood Components, and Gut Microflora Using 16S rRNA Sequencing of Growing APRH-Line Rabbits.

Animals : an open access journal from MDPI , Volume: 14 Issue: 13 2024 Jun 29

Authors El-Tahan HM,Elmasry ME,Madian HA,Alhimaidi AR,Kim IH,Park JH,El-Tahan HM

Investigating the physicochemical, antimicrobial and antioxidant properties of chitosan film containing zero-valent iron nanoparticles and oregano essence.

Biopolymers , Volume: 115 Issue: 6 2024 Nov

Authors Khodaparast FK,Pirsa S,Toupchi FM,Moharami F

Microencapsulated Lactobacillus plantarum promotes intestinal development through gut colonization of layer chicks.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 18 2024 Sep

Authors Cui Y,Liu Y,Yang J,Duan H,Wang P,Guo L,Guo Y,Li S,Zhao Y,Wang J,Qi G,Guan J

Modulation of human gut microbiota by linear and branched fructooligosaccharides in an in vitro colon model (TIM-2).

Journal of applied microbiology , Volume: 135 Issue: 7 2024 Jul 2

Authors Popov IV,Koopmans B,Venema K

The role of bound polyphenols in the anti-obesity effects of defatted rice bran insoluble dietary fiber: An insight from multi-omics.

Food chemistry , Volume: 459 2024 Nov 30

Authors Zheng B,Zhao X,Ao T,Chen Y,Xie J,Gao X,Liu L,Hu X,Yu Q

Curcumin-based residue-free and reusable photodynamic inactivation system for liquid foods and its application in freshly squeezed orange juice.

Food chemistry , Volume: 458 2024 Nov 15

Authors Liu Y,Li Y,Shao C,Wang P,Wang X,Li R

[Lactacaseibacillus rhamnosus LRa05 alleviated liver injury in mice with alcoholic fatty liver disease by improving intestinal permeability and balancing gut microbiota.](#)**Beneficial microbes , Volume: 15 Issue: 5 2024 Jul 3**

Authors Gu J,Chen Y,Wang J,Gao Y,Gai Z,Zhao Y,Xu F

[Effect of Lactacaseibacillus casei LC2W Supplementation on Glucose Metabolism and Gut Microbiota in Subjects at High Risk of Metabolic Syndrome: A Randomized, Double-blinded, Placebo-controlled Clinical Trial.](#)**Probiotics and antimicrobial proteins , 2024 Jul 2**

Authors Wang D,Wang X,Han J,You C,Liu Z,Wu Z

[Honey microbiota, methods for determining the microbiological composition and the antimicrobial effect of honey - A review.](#)**Food chemistry: X , Volume: 23 2024 Oct 30**

Authors Luca L,Pauliuc D,Oroian M

[Bacterial Apoptosis-Like Death through Accumulation of Reactive Oxygen Species by Quercetin in Escherichia coli.](#)**Journal of microbiology and biotechnology , Volume: 34 Issue: 7 2024 Jul 28**

Authors Kwun MS, Lee DG

[Quercetin Alleviates Insulin Resistance and Repairs Intestinal Barrier in db/db Mice by Modulating Gut Microbiota.](#)**Nutrients , Volume: 16 Issue: 12 2024 Jun 14**

Authors Yuan M,Sun T,Zhang Y,Guo C,Wang F,Yao Z,Yu L

[Lactobacillus delbrueckii Ameliorated Blood Lipids via Intestinal Microbiota Modulation and Fecal Bile Acid Excretion in a Ningxiang Pig Model.](#)**Animals : an open access journal from MDPI , Volume: 14 Issue: 12 2024 Jun 17**

Authors Hou G,Wei L,Li R,Chen F,Yin J,Huang X,Yin Y

[Procyanidin B1 and Coumaric Acid from Highland Barley Alleviated High-Fat-Diet-Induced Hyperlipidemia by Regulating PPARα-Mediated Hepatic Lipid Metabolism and Gut Microbiota in Diabetic C57BL/6J Mice.](#)**Foods (Basel, Switzerland) , Volume: 13 Issue: 12 2024 Jun 12**

Authors Liu Z,Liu J,Tang R,Zhang Z,Tian S

[3D printed scaffolds with quercetin and vitamin D3 nanocarriers: In vitro cellular evaluation.](#)**Journal of biomedical materials research. Part A , 2024 Jun 18**

Authors Bose S,Chaudhari VS,Kushram P

[Lactobacillus plantarum-Derived Extracellular Vesicles Modulate Macrophage Polarization and Gut Homeostasis for Alleviating Ulcerative Colitis.](#)**Journal of agricultural and food chemistry , Volume: 72 Issue: 26 2024 Jul 3**

Authors Chen Q,Fang Z,Yang Z,Xv X,Yang M,Hou H,Li Z,Chen Y,Gong A

[Bacillus subtilis SF106 and Bacillus clausii SF174 spores reduce the inflammation and modulate the gut microbiota in a colitis model.](#)**Beneficial microbes , Volume: 15 Issue: 4 2024 Jun 14**

Authors Vittoria M,Horwell E,Bastoni D,Saggese A,Baccigalupi L,Cutting SM,Ricca E

[Lactacaseibacillus paracasei LC86 mitigates age-related muscle wasting and cognitive impairment in SAMP8 mice through gut microbiota modulation and the regulation of serum inflammatory factors.](#)**Frontiers in nutrition , Volume: 11 2024**

Authors Cai Y,Dong Y,Han M,Jin M,Liu H,Gai Z,Zou K

[Amelioration of walnut, peony seed and camellia seed oils against D-galactose-induced cognitive impairment in mice by regulating gut microbiota.](#)**Food & function , Volume: 15 Issue: 13 2024 Jul 1**

Authors Kang T,Zheng J,Jiang C,Jin L,Li C,Chen B,Shen Y

[A host-microbial metabolite interaction gut-on-a-chip model of the adult human intestine demonstrates beneficial effects upon inulin treatment of gut microbiome.](#)**Microbiome research reports , Volume: 3 Issue: 2 2024**

Authors Donkers JM,Wiese M,van den Broek TJ,Wierenga E,Agamennone V,Schuren F,van de Steeg E

[Bifidobacterium bifidum Ameliorates DSS-Induced Colitis in Mice by Regulating Microbial Metabolome and Targeting Gut Microbiota.](#)**Journal of agricultural and food chemistry , 2024 Jun 5**

Authors Han M,Liang J,Hou M,Liu Y,Li H,Gao Z

[Multifunctional chitosan-cross linked- curcumin-tannic acid biocomposites disrupt quorum sensing and biofilm formation in pathogenic bacteria.](#)**International journal of biological macromolecules , Volume: 271 Issue: Pt 1 2024 Jun**

Authors Khan ZA,Wani MY,Ahmad A,Basha MT,Aly NA,Yakout AA

Profile of stingless bee honey and microbiota produced in West Sumatra, Indonesia, by several species (Apidae, Meliponinae).

Veterinary world , Volume: 17 Issue: 4 2024 Apr

Authors Melia S,Juliyarsi I,Kurnia YF,Aritonang SN,Rusdimansyah R,Sukma A,Setiawan RD,Pratama YE,Supandil D

Synergistic antimicrobial action of chitosan-neem extracts nanofomulation as a promising strategy for overcoming multi-drug resistant bacteria.

International journal of biological macromolecules , Volume: 272 Issue: Pt 1 2024 Jun

Authors Almowallad SJ,Alqahtani LS

Smoking induced salivary microbiome dysbiosis and is correlated with lipid biomarkers.

BMC oral health , Volume: 24 Issue: 1 2024 May 25

Authors Mohammed LI,Razali R,Zakaria ZZ,Benslimane FM,Cyprian F,Al-Asmakh M

Curcumin supplementation alleviates hepatic fat content associated with modulation of gut microbiota-dependent bile acid metabolism in patients with nonalcoholic simple fatty liver disease: a randomized controlled trial.

The American journal of clinical nutrition , Volume: 120 Issue: 1 2024 Jul

Authors He Y,Chen X,Li Y,Liang Y,Hong T,Yang J,Cao Z,Mai H,Yao J,Zhang T,Wu K,Zou J,Feng D

Modulation of Gut Microbial Community and Metabolism by Bacillus licheniformis HD173 Promotes the Growth of Nursery Piglets Model.

Nutrients , Volume: 16 Issue: 10 2024 May 15

Authors Li J,Tian C,Feng S,Cheng W,Tao S,Li C,Xiao Y,Wei H

Chemical Composition of Turmeric (Curcuma longa L.) Ethanol Extract and Its Antimicrobial Activities and Free Radical Scavenging Capacities.

Foods (Basel, Switzerland) , Volume: 13 Issue: 10 2024 May 16

Authors Wu H,Liu Z,Zhang Y,Gao B,Li Y,He X,Sun J,Choe U,Chen P,Blaustein RA,Yu L

Ginger Polyphenols Reverse Molecular Signature of Amygdala Neuroimmune Signaling and Modulate Microbiome in Male Rats with Neuropathic Pain: Evidence for Microbiota-Gut-Brain Axis.

Antioxidants (Basel, Switzerland) , Volume: 13 Issue: 5 2024 Apr 23

Authors Shen CL,Santos JM,Elmassry MM,Bhakta V,Driver Z, Ji G,Yakhnitsa V,Kiritoshi T,Lovett J,Hamood AN,Sang S,Neugebauer V

Probiotics combined with atorvastatin administration in the treatment of hyperlipidemia: A randomized, double-blind, placebo-controlled clinical trial.

Medicine , Volume: 103 Issue: 21 2024 May 24

Authors Tian Y,Wu G,Zhao X,Zhang H,Ren M,Song X,Chang H,Jing Z

Maternal or post-weaning dietary fructo-oligosaccharide supplementation reduces stillbirth rate of sows and diarrhea of weaned piglets.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 17 2024 Jun

Authors Ma K,Su B,Li F,Li J,Nie J,Xiong W,Luo J,Huang S,Zhou T,Liang X,Li F,Deng J,Tan C

Elucidation of the beneficial role of co-fermented whole grain quinoa and black barley with Lactobacillus on rats fed a western-style diet via a multi-omics approach.

Food research international (Ottawa, Ont.) , Volume: 187 2024 Jul

Authors Lin ZH,Zhong LY,Jiang HB,Zhu C,Wei FF,Wu Y,Song LH

Short-term supplementation with uncoated and encapsulated Enterococcus faecium affected growth performance, gut microbiome and intestinal barrier integrity in broiler chickens.

Poultry science , Volume: 103 Issue: 7 2024 Jul

Authors Zhang Y,Liu Y,Jiao S,Wang Y,Sa R,Zhao F,Xie J

Mechanisms of epigallocatechin gallate (EGCG) in ameliorating hyperuricemia: insights into gut microbiota and intestinal function in a mouse model.

Food & function , Volume: 15 Issue: 11 2024 Jun 4

Authors Yu H,Lou Z,Wu T,Wan X,Huang H,Wu Y,Li B,Tu Y,He P,Liu J

Impact of whole grain highland hull-less barley on the denaturing gradient gel electrophoresis profiles of gut microbial communities in rats fed high-fat diets.

Microbiology spectrum , Volume: 12 Issue: 6 2024 Jun 4

Authors Xia X,Lu J,Chen X,Zhou L,Huang Y,Ding S,Li G

Effects of garlic-derived fructan and oligofructose mixtures on intestinal health and constipation relief in mice.

Journal of the science of food and agriculture , Volume: 104 Issue: 12 2024 Sep

Authors Xie C,Gao W,Liang X,Chye FY

The impact of bacillus pumilus TS2 isolated from yaks on growth performance, gut microbial community, antioxidant activity, and cytokines related to immunity and inflammation in broilers.

Frontiers in veterinary science , Volume: 11 2024

Authors Guo C,Liu S,Di L,Tang S

Lactobacillus delbrueckii CIDCA 133 fermented milk modulates inflammation and gut microbiota to alleviate acute colitis.

Food research international (Ottawa, Ont.) , Volume: 186 2024 Jun

Authors de Jesus LCL,Freitas ADS,Dutra JDCF,Campos GM,Américo MF,Laguna JG,Dornelas EG,Carvalho RDO,Vital KD,Fernandes SOA,Cardoso VN,de Oliveira JS,de Oliveira MFA,Faria AMC,Ferreira E,Souza RO,Martins FS,Barroso FAL,Azevedo V

Administering Lactiplantibacillus fermentum F6 decreases intestinal Akkermansia muciniphila in a dextran sulfate sodium-induced rat colitis model.

Food & function , 2024 May 10

Authors He Q,Zhang T,Zhang W,Feng C,Kwok LY,Zhang H,Sun Z

Antimicrobial activity of Cinnamomum zeylanicum essential oil against colistin-resistant gram-negative bacteria.

International journal of environmental health research , 2024 May 2

Authors Ben Selma W,Ferjeni S,Farouk A,Marzouk M,Boukadida J

Determination of total phenolics, flavonoids, and testing of antioxidant and antibacterial activities of red ginger (Zingiber officinale var. Rubrum).

Journal of advanced veterinary and animal research , Volume: 11 Issue: 1 2024 Mar

Authors Haroen U,Syafwan S,Kurniawan K,Budiansyah A

Beneficial Effects of Dietary Fiber in Young Barley Leaf on Gut Microbiota and Immunity in Mice.

Molecules (Basel, Switzerland) , Volume: 29 Issue: 8 2024 Apr 22

Authors Chudan S,Kurakawa T,Nishikawa M,Nagai Y,Tabuchi Y,Ikushiro S,Furusawa Y

Antitumor Effect and Gut Microbiota Modulation by Quercetin, Luteolin, and Xanthohumol in a Rat Model for Colorectal Cancer Prevention.

Nutrients , Volume: 16 Issue: 8 2024 Apr 13

Authors Pérez-Valero Á,Magadán-Corpas P,Ye S,Serna-Diestro J,Sordon S,Huszcz E,Poplonski J,Villar CJ,Lombó F

A Mix of Potentially Probiotic Limosilactobacillus fermentum Strains Alters the Gut Microbiota in a Dose- and Sex-Dependent Manner in Wistar Rats.

Microorganisms , Volume: 12 Issue: 4 2024 Mar 26

Authors Carneiro Dos Santos LA,Carvalho RDO,Cruz Neto JPR,de Albuquerque Lemos DE,de Oliveira KÁR,Sampaio KB,de Luna Freire MO,Aburjaile FF,Azevedo VAC,de Souza EL,de Brito Alves JL

Antivirulence Effects of Trans-Resveratrol and Curcumin on Methicillin-Resistant Staphylococcus aureus (MRSA) from Saudi Arabia.

Life (Basel, Switzerland) , Volume: 14 Issue: 4 2024 Apr 10

Authors Alqahtani M,Almukainzi M,Alghoribi MF,E-Mahdy AM

The Canine Gut Health: The Impact of a New Feed Supplement on Microbiota Composition.

Animals : an open access journal from MDPI , Volume: 14 Issue: 8 2024 Apr 15

Authors Atuahene D,Zuniga-Chaves I,Martello E,Stefanon B,Suen G,Baloui F,Meineri G

Influence of Gelatin and Propolis Extract on Honey Gummy Jelly Properties: Optimization Using D-Optimal Mixture Design.

Gels (Basel, Switzerland) , Volume: 10 Issue: 4 2024 Apr 21

Authors Kaewpetch K,Yolsuriyan S,Disayathanoowat T,Phokasem P,Jannu T,Renaldi G,Samakradhamrongthai RS

Functional evaluation of Bacillus licheniformis PF9 for its potential in controlling enterotoxigenic Escherichia coli in weaned piglets.

Translational animal science , Volume: 8 2024

Authors Xu H,Gong J,Lu P,Azevedo P,Li L,Yu H,Yang C

Inulin has a beneficial effect by modulating the intestinal microbiome in a BALB/c mouse model.

Beneficial microbes , Volume: 14 Issue: 4 2023 Sep 1

Authors Zhu Z,Hu C,Liu Y,Wang F,Zhu B

Enterococcus faecium supplementation prevents enteritis caused by Escherichia coli in goats.

Beneficial microbes , Volume: 14 Issue: 5 2023 Oct 30

Authors Dong J,Jiang Y,Li Z,Liu K,Guo L,Cui L,Wang H,Li J

Intake of compound probiotics accelerates the construction of immune function and gut microbiome in Holstein calves.

Microbiology spectrum , Volume: 12 Issue: 6 2024 Jun 4

Authors Cai X,Yi P,Chen X,Wu J,Lan G,Li S,Luo S,Huang F,Huang J,Shen P

Antiangiogenic Effects of Human Fecal Transplants with Different Combinations of Bifidobacterium bifidum LTBB21J1 and Lactobacillus casei LTL1361 in d-Galactose-Induced Mice.

Journal of agricultural and food chemistry , Volume: 72 Issue: 17 2024 May 1

Authors Zhou F,Zhang Q,Zheng X,Shi F,Ma K,ji F,Meng N,Li R,Lv J,Li Q

Endurance exercise associated with a fructooligosaccharide diet modulates gut microbiota and increases colon absorptive area.

Journal of gastroenterology and hepatology , Volume: 39 Issue: 6 2024 Jun

Authors Moura F,Romeiro C,Petriz B,Cavichioli N,Almeida JA,Castro A,Franco OL

Resveratrol Improves Hyperuricemia and Ameliorates Renal Injury by Modulating the Gut Microbiota.

Nutrients , Volume: 16 Issue: 7 2024 Apr 7

Authors Zhou Y,Zeng Y,Wang R,Pang J,Wang X,Pan Z,Jin Y,Chen Y,Yang Y,Ling W

Tea Polyphenol Epigallocatechin Gallate Protects Against Nonalcoholic Fatty Liver Disease and Associated Endotoxemia in Rats via Modulating Gut Microbiota Dysbiosis and Alleviating Intestinal Barrier Dysfunction and Related Inflammation.

Journal of agricultural and food chemistry , 2024 Apr 12

Authors Zuo G,Chen M,Zuo Y,Liu F,Yang Y,Li J,Zhou X,Li M,Huang JA,Liu Z,Lin Y

Anti-Quorum Sensing and Anti-Biofilm Activity of Ginger (*Zingiber officinale*) Rhizomes against Multidrug-Resistant Clinical Isolates of *Pseudomonas aeruginosa*.

Avicenna journal of medical biotechnology , Volume: 16 Issue: 1 2024 Jan-Mar

Authors Sagar PK,Sharma P,Singh R

Bacillus coagulans regulates gut microbiota and ameliorates the alcoholic-associated liver disease in mice.

Frontiers in microbiology , Volume: 15 2024

Authors Liu Z,Liu T,Zhang Z,Fan Y

Effects of Bacillus coagulans TBC169 on gut microbiota and metabolites in gynecological laparoscopy patients.

Frontiers in microbiology , Volume: 15 2024

Authors Gao W,Yan Y,Guan Z,Zhang J,Chen W

Effect of inulin, galacto-oligosaccharides, and polyphenols on the gut microbiota, with a focus on Akkermansia muciniphila.

Food & function , Volume: 15 Issue: 9 2024 May 7

Authors Tian R,Yu L,Tian F,Zhao J,Chen W,Zhai Q

Antifungal mechanism of Lactiplantibacillus plantarum P10 against Aspergillus niger and its in-situ biopreservative application in Chinese steamed bread.

Food chemistry , Volume: 449 2024 Aug 15

Authors Ma M,Li A,Feng J,Wang Z,Jia Y,Ma X,Ning Y

Characterization of feline-originated probiotics Lactobacillus rhamnosus CACC612 and Bifidobacterium animalis subsp. lactis CACC789 and evaluation of their host response.

BMC veterinary research , Volume: 20 Issue: 1 2024 Apr 1

Authors Jang HJ,Kim JA,Kim Y

Curcumin alleviates cecal oxidative injury in diquat-induced broilers by regulating the Nrf2/ARE pathway and microflora.

Poultry science , Volume: 103 Issue: 5 2024 May

Authors Wu F,Zhao M,Tang Z,Wang F,Han S,Liu S,Chen B

Konjac Oligosaccharides Alleviated Ovariectomy-Induced Bone Loss through Gut Microbiota Modulation and Treg/Th17 Regulation.

Journal of agricultural and food chemistry , 2024 Mar 29

Authors Ai T,Shang L,Li B,Li J,Qin R

Responses of intestinal morphology, immunity, antioxidant status and cecal microbiota to the mixture of glycerol monolaurate and cinnamaldehyde in laying hens.

Poultry science , Volume: 103 Issue: 6 2024 Jun

Authors Chen MY,Duan YL,Zhu Y,Wang JH,Hu QB,Guo SS,Ding BY,Zhang ZF,Li LL

Dose-Responsive Effects of Iron Supplementation on the Gut Microbiota in Middle-Aged Women.

Nutrients , Volume: 16 Issue: 6 2024 Mar 10

Authors Shearer J,Shah S,MacInnis MJ,Shen-Tu G,Mu C

Relationships between Habitual Polyphenol Consumption and Gut Microbiota in the INCLD Health Cohort.

Nutrients , Volume: 16 Issue: 6 2024 Mar 8

Authors Vita AA,Roberts KM,Gundersen A,Farris Y,Zwickey H,Bradley R,Weir TL

Postbiotics from Lactobacillus delbrueckii Alleviate Intestinal Inflammation by Promoting the Expansion of Intestinal Stem Cells in S. Typhimurium-Induced Mice.

Foods (Basel, Switzerland) , Volume: 13 Issue: 6 2024 Mar 14

Authors Wang M,Ren Y,Guo X,Ye Y,Zhu H,Zhang J,Huang Z,Yu K

Pharmacological Potential Effects of Algerian Propolis Against Oxidative Stress, Multidrug-Resistant Pathogens Biofilm and Quorum-Sensing.

Turkish journal of pharmaceutical sciences , Volume: 21 Issue: 1 2024 Mar 25

Authors Hadjab W,Zellagui A,Mokrani M,Öztürk M,Ceylan Ö,Gherraif N,Bensouici C

Inulin protects against the harmful effects of dietary emulsifiers on mice gut microbiome.

PeerJ , Volume: 12 2024

Authors Bekar C,Ozmen O,Ozkul C,Ayaz A

Human-derived bacterial strains mitigate colitis via modulating gut microbiota and repairing intestinal barrier function in mice.

BMC microbiology , Volume: 24 Issue: 1 2024 Mar 23

Authors Dai J,Jiang M,Wang X,Lang T,Wan L,Wang J

Effect of Lactobacillus plantarum BFS1243 on a female frailty model induced by fecal microbiota transplantation in germ-free mice.

Food & function , 2024 Mar 22

Authors Dong S,Zeng Q,He W,Cheng W,Zhang L,Zhong R,He W,Fang X,Wei H

Antimicrobial phytoconstituents from Azadirachta indica (neem) with potential inhibitor against FtsZ protein of Pseudomonas aeruginosa.

Natural product research , 2024 Mar 22

Authors Orozco-Ugarriza ME,Arrieta Caldera NP,Olivo-Martínez Y

Mannan-oligosaccharides promote gut microecological recovery after antibiotic disturbance.

Food & function , Volume: 15 Issue: 7 2024 Apr 2

Authors Chen J,Yin J,Xie H,Lu W,Wang H,Zhao J,Zhu J

Anti-inflammatory probiotics HF05 and HF06 synergistically alleviate ulcerative colitis and secondary liver injury.

Food & function , Volume: 15 Issue: 7 2024 Apr 2

Authors Liu C,Qi X,Liu X,Sun Y,Mao K,Shen G,Ma Y,Li Q

Prebiotic inulin ameliorates SARS-CoV-2 infection in hamsters by modulating the gut microbiome.

NPJ science of food , Volume: 8 Issue: 1 2024 Mar 14

Authors Song I,Yang J,Saito M,Hartanto T,Nakayama Y,Ichinohe T,Fukuda S

Diet Mediate the Impact of Host Habitat on Gut Microbiome and Influence Clinical Indexes by Modulating Gut Microbes and Serum Metabolites.

Advanced science (Weinheim, Baden-Wurttemberg, Germany) , 2024 Mar 13

Authors Zhang J,Qi H,Li M,Wang Z,Jia X,Sun T,Du S,Su C,Zhi M,Du W,Ouyang Y,Wang P,Huang F,Jiang H,Li L,Bai J,Wei Y,Zhang X,Wang H,Zhang B,Feng Q

Polyphenols Influence the Development of Endometrial Cancer by Modulating the Gut Microbiota.

Nutrients , Volume: 16 Issue: 5 2024 Feb 28

Authors Baranowska-Wójcik E,Winiarska-Mieczan A,Olcha P,Kwiecien M,Jachimowicz-Rogowska K,Nowakowski L,Miturski A,Galczyński K

Effects of Supplementation with Oregano Essential Oil during Late Gestation and Lactation on Serum Metabolites, Antioxidant Capacity and Fecal Microbiota of Sows.

Animals : an open access journal from MDPI , Volume: 14 Issue: 5 2024 Feb 28

Authors Zhang Y,Deng Y,Hao Y,Fang J,Feng J

Lactobacillus paracasei ZFM54 alters the metabolomic profiles of yogurt and the co-fermented yogurt improves the gut microecology of human adults.

Journal of dairy science , Volume: 107 Issue: 8 2024 Aug

Authors Chen X,Zhu Z,Zhang X,Chen L,Gu Q,Li P

The differential effect of two cereal foods on gut environment: a randomized, controlled, double-blind, parallel-group study.

Frontiers in nutrition , Volume: 10 2023

Authors Yamauchi Y,Masutomi H,Ishihara K,Hartanto T,Lee CG,Fukuda S

Short term supplementation with cranberry extract modulates gut microbiota in human and displays a bifidogenic effect.

NPJ biofilms and microbiomes , Volume: 10 Issue: 1 2024 Mar 6

Authors Lessard-Lord J,Roussel C,Lupien-Meilleur J,Généreux P,Richard V,Guay V,Roy D,Desjardins Y

Curcumin protects mice with myasthenia gravis by regulating the gut microbiota, short-chain fatty acids, and the Th17/Treg balance.

Heliyon , Volume: 10 Issue: 4 2024 Feb 29

Authors Sun J,Xie Q,Sun M,Zhang W,Wang H,Liu N,Wang M

Inhibitory Effects of Endemic Thyme's Thymol-Carvacrol Chemotype Essential Oil on Aspergillus Species with Free Radical Scavenging Properties.

Chemistry & biodiversity , Volume: 21 Issue: 5 2024 May

Authors Mirahmadi SF,Shayganfar A

Olive oil nanoemulsion containing curcumin: antimicrobial agent against multidrug-resistant bacteria.

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Feb 27

Authors Confessor MVA,Agreles MAA,Campos LAA,Silva Neto AF,Borges JC,Martins RM,Scavuzzi AML,Lopes ACS,Kretzschmar EAM,Cavalcanti IMF

Curcumin attenuates aflatoxin B1-induced ileum injury in ducks by inhibiting NLRP3 inflammasome and regulating TLR4/NF- κ B signaling pathway.

Mycotoxin research , Volume: 40 Issue: 2 2024 May

Authors Pan H,Hu T,He Y,Zhong G,Wu S,Jiang X,Rao G,You Y,Ruan Z,Tang Z,Hu L

The Immunomodulatory Effects of A2 β -Casein on Immunosuppressed Mice by Regulating Immune Responses and the Gut Microbiota.

Nutrients , Volume: 16 Issue: 4 2024 Feb 13

Authors Li X,Lu X,Liu M,Zhang Y,Jiang Y,Yang X,Man C

Adjunctive efficacy of Bifidobacterium animalis subsp. lactis XLTG11 for functional constipation in children.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 55 Issue: 2 2024 Jun

Authors Chen K,Zhou Z,Nie Y,Cao Y,Yang P,Zhang Y,Xu P,Yu Q,Shen Y,Ma W,Jin S,Liu C

Inulin alters gut microbiota to alleviate post-stroke depressive-like behavior associated with the IGF-1-mediated MAPK signaling pathway.

Brain and behavior , Volume: 14 Issue: 1 2024 Jan

Authors Shao R,Tan X,Pan M,Huang J,Huang L,Bi B,Huang X,Wang J,Li X

Synergistic antimicrobial interaction of plant essential oils and extracts against foodborne pathogens.

Food science & nutrition , Volume: 12 Issue: 2 2024 Feb

Authors Angane M,Swift S,Huang K,Perera J,Chen X,Butts CA,Quek SY

Potential mechanisms underlying inhibition of xenograft lung cancer models by kaempferol: modulation of gut microbiota in activating immune cell function.

Journal of Cancer , Volume: 15 Issue: 5 2024

Authors Guan M,Xu W,Bai H,Geng Z,Yu Z,Li H,Liu T

Biochemical Profiling and Physicochemical and Biological Valorization of Iraqi Honey: A Comprehensive Analysis.

Molecules (Basel, Switzerland) , Volume: 29 Issue: 3 2024 Jan 31

Authors Hameed OM,Shaker OM,Ben Slima A,Makni M

Anti-Diabetic Potentials of Lactobacillus Strains by Modulating Gut Microbiota Structure and β -Cells Regeneration in the Pancreatic Islets of Alloxan-Induced Diabetic Rats.

Probiotics and antimicrobial proteins , 2024 Feb 8

Authors Kumar M,Muthurayar T,Karthika S,Gayathri S,Varalakshmi P,Ashokkumar B

Antibacterial activity of plant-derived compounds and cream formulations against canine skin bacteria.

Veterinary research communications , 2024 Feb 7

Authors Stropfrová V,Štempelová L,Wolaschka T

Effect of Lactocaseibacillus paracasei K56 with galactooligosaccharide synbiotics on obese individuals: an in vitro fermentation model.

Journal of the science of food and agriculture , Volume: 104 Issue: 9 2024 Jul

Authors Zhang Q,Zhao W,He J,He J,Shi S,Sun M,Niu X,Zeng Z,Zhao Y,Zhang Y,Wang P,Li Y,Zhang C,Duan S,Hung WL,Wang R

Effect of ginger supplementation on the fecal microbiome in subjects with prior colorectal adenoma.

Scientific reports , Volume: 14 Issue: 1 2024 Feb 5

Authors Prakash A,Rubin N,Staley C,Onyeaghalo G,Wen YF,Shaukat A,Milne G,Straka RJ,Church TR,Prizment A

Study on the relationship between tea polyphenols alleviating osteoporosis and the changes of microorganism-metabolite-intestinal barrier.

Microbial pathogenesis , Volume: 188 2024 Mar

Authors Wen X,Wu P,Li F,Pi G

Mitigation of high-fat diet-induced hepatic steatosis by thyme (Thymus quinquecostatus Celak) polyphenol-rich extract (TPE): insights into gut microbiota modulation and bile acid metabolism.

Food & function , 2024 Feb 2

Authors Sheng X,Zhan P,Wang P,He W,Tian H

Temporal gut microbiota variability and association with dietary patterns: From the one-year observational Diet, Cancer, and Health - Next Generations MAX study.

The American journal of clinical nutrition , Volume: 119 Issue: 4 2024 Apr

Authors Rostgaard-Hansen AL,Esberg A,Dicksved J,Hansen T,Pelve E,Brunius C,Halkjær J,Tjønneland A,Johansson I,Landberg R

Moringa oleifera Gum-Assisted Synthesis and Characterization of CoAg(x)Fe(2-x)O(4): Insight into Structural, Magnetic, Optical, and Biomedical Properties.

ACS omega , Volume: 9 Issue: 3 2024 Jan 23

Authors Tamboli QY,Patange SM,Mohanta YK,Patil AD,Ali R,Bushnak I,Zakde K

Argan: Phytochemical profiling and evaluation of the antioxidant, hypoglycemic, and antibacterial properties of its fruit pulp extracts.

Heliyon , Volume: 10 Issue: 1 2024 Jan 15

Authors Alaoui A,Sahri N,Mahdi I,Fahsi N,El Herradi EH,Sobeh M

Enhancing immune response, antioxidant capacity, and gut health in growing beagles through a chitooligosaccharide diet.

Frontiers in veterinary science , Volume: 10 2023

Authors Cheng G,Hu T,Zeng Y,Yan L,Liu Y,Wang Y,Xia J,Dong H,Chen D,Cheng T,Peng G,Zhang L

Bifidobacterium improves oestrogen-deficiency-induced osteoporosis in mice by modulating intestinal immunity.

Food & function , Volume: 15 Issue: 4 2024 Feb 19

Authors Zhang J,Liang X,Tian X,Zhao M,Mu Y,Yi H,Zhang Z,Zhang L

Chronic sucralose consumption inhibits farnesoid X receptor signaling and perturbs lipid and cholesterol homeostasis in the mouse livers, potentially by altering gut microbiota functions.

The Science of the total environment , Volume: 919 2024 Apr 1

Authors Chi L,YifeiYang,Bian X,Gao B,Tu P,Ru H,Lu K

Effect of dietary inclusion of Bacillus-based probiotics on performance, egg quality, and the faecal microbiota of laying hen.

Animal bioscience , Volume: 37 Issue: 4 2024 Apr

Authors Tajudeen H,Ha SH,Hosseindoust A,Mun JY,Park S,Park S,Choi P,Hermes RG,Taechavasonyoo A,Rodríguez R,Kim J

Lactobacillus plantarum attenuates glucocorticoid-induced osteoporosis by altering the composition of rat gut microbiota and serum metabolic profile.

Frontiers in immunology , Volume: 14 2023

Authors Li S,Han X,Liu N,Chang J,Liu G,Hu S

Prevalence and Antimicrobial Characteristics of Escherichia coli in Selected Vegetables and Herbs in Bangkok, Thailand.

Journal of food protection , Volume: 87 Issue: 3 2024 Mar

Authors Datta S,Ishikawa M,Chudhakorn S,Charaslertrangsi T

Fructose dose-dependently influences colon barrier function by regulation of some main physical, immune, and biological factors in rats.

The Journal of nutritional biochemistry , Volume: 126 2024 Apr

Authors Gan Q,Song G,Fang W,Wang Y,Qi W

Lactic acid fermentation of goji berries (Lycium barbarum) prevents acute alcohol liver injury and modulates gut microbiota and metabolites in mice.

Food & function , Volume: 15 Issue: 3 2024 Feb 5

Authors Duan W,Zhou L,Ren Y,Liu F,Xue Y,Wang FZ,Lu R,Zhang XJ,Shi JS,Xu ZH,Geng Y

Impact of Bacillus licheniformis from yaks following antibiotic therapy in mouse model.

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Dec

Authors Zeng Z,Gong S,Quan C,Zhou S,Kulyar MF,Iqbal M,Li Y,Li X,Li J

Effects of Metabolites of Lactobacillus casei on Expression and Neutralization of Shiga Toxin by Enterohemorrhagic Escherichia coli.

Probiotics and antimicrobial proteins , 2024 Jan 15

Authors Aditya A,Tabashsum Z,Martinez ZA,Biswas D

Dietary inulin alleviated constipation induced depression and anxiety-like behaviors: Involvement of gut microbiota and microbial metabolite short-chain fatty acid.

International journal of biological macromolecules , Volume: 259 Issue: Pt 2 2024 Feb

Authors Zou H,Gao H,Liu Y,Zhang Z,Zhao J,Wang W,Ren B,Tan X

Azadirachta indica (AI)leaf extract coated ZnO-Alnanocore-shell particles for enhanced antibacterial activity against methicillin-resistant Staphylococcus aureus(MRSA).

Biomedical materials (Bristol, England) , Volume: 19 Issue: 2 2024 Jan 24

Authors Sharma B,Upadhyaya D,Deshmukh P,Chakraborty S,Sahu K,Satapathy S,Majumder SK

Probiotic Bacillus licheniformis ZW3 Alleviates DSS-Induced Colitis and Enhances Gut Homeostasis.

International journal of molecular sciences , Volume: 25 Issue: 1 2024 Jan 1

Authors Jia D,Li Y,Wang Y,Guo Y,Liu J,Zhao S,Wang J,Guan G,Luo J,Yin H,Tang L,Li Y

Prospective Randomized, Double-Blind, Placebo-Controlled Study of a Standardized Oral Pomegranate Extract on the Gut Microbiome and Short-Chain Fatty Acids.

Foods (Basel, Switzerland) , Volume: 13 Issue: 1 2023 Dec 19

Authors Sivamani RK,Chakkalakal M,Pan A,Nadora D,Min M,Dumont A,Burney WA,Chambers CJ

Bioactive compounds of honey from different regions of Brazil: the effect of simulated gastrointestinal digestion on antioxidant and antimicrobial properties.

Food & function , Volume: 15 Issue: 3 2024 Feb 5

Authors Alcoléa M,Santana Junior MB,Oliveira KAM,Tussolini L,Leite MAG,Honorio-França AC,França EL,Pertuzatti PB

Highland barley β -glucan supplementation attenuated hepatic lipid accumulation in Western diet-induced non-alcoholic fatty liver disease mice by modulating gut microbiota.

Food & function , Volume: 15 Issue: 3 2024 Feb 5

Authors Liu H,Nie C,Hu X,Li J

Moringa oleifera leaf alleviates functional constipation via regulating the gut microbiota and the enteric nervous system in mice.

Frontiers in microbiology , Volume: 14 2023

Authors Gao X,Yang W,Li S,Liu S,Yang W,Song S,Sheng J,Zhao Y,Tian Y

Dietary novel alkaline protease from Bacillus licheniformis improves broiler meat nutritional value and modulates intestinal microbiota and metabolites.

Animal microbiome , Volume: 6 Issue: 1 2024 Jan 6

Authors Yi W,Liu Y,Fu S,Zhuo J,Wang J,Shan T

Quercetin: a promising virulence inhibitor of Pseudomonas aeruginosa LasB in vitro.

Applied microbiology and biotechnology , Volume: 108 Issue: 1 2024 Dec

Authors Ren Y,Zhu R,You X,Li D,Guo M,Fei B,Liu Y,Yang X,Liu X,Li Y

Effect of conA-unbound proteins from Melipona beecheii honey on the formation of Pseudomonas aeruginosa ATCC 27853 biofilm.

Archives of microbiology , Volume: 206 Issue: 1 2024 Jan 5

Authors Pool-Yam L,Ramón-Sierra J,Oliva AI,Zamora-Bustillos R,Ortiz-Vázquez E

Mannan oligosaccharides improve the fur quality of raccoon dogs by regulating the gut microbiota.

Frontiers in microbiology , Volume: 14 2023

Authors Yuan C,Ren L,Sun R,Yun X,Zang X,Zhang A,Wu M

Integrated gut microbiome and metabolome analysis reveals the inhibition effect of Lactobacillus plantarum CBT against colorectal cancer.

Food & function , Volume: 15 Issue: 2 2024 Jan 22

Authors Chen YY,Fei F,Ding LL,Wen SY,Ren CF,Gong AH

Therapeutic effects of curcumin on constipation-predominant irritable bowel syndrome is associated with modulating gut microbiota and neurotransmitters.

Frontiers in microbiology , Volume: 14 2023

Authors Tu X,Ren H,Bu S

Chemoprofiling and antimicrobial activity of medicinal herbs used in the treatment of inflammatory bowel disease.

Cellular and molecular biology (Noisy-le-Grand, France) , Volume: 69 Issue: 13 2023 Dec 10

Authors Alshahrani A,Ali A,Abdelwahab SF

Oat-based postbiotics ameliorate high-sucrose induced liver injury and colitis susceptibility by modulating fatty acids metabolism and gut microbiota.

The Journal of nutritional biochemistry , Volume: 125 2024 Mar

Authors Song W,Wen R,Liu T,Zhou L,Wang G,Dai X,Shi L

Therapeutic Potential of Punica granatum and Isolated Compounds: Evidence-Based Advances to Treat Bacterial Infections.

International journal of microbiology , Volume: 2023 2023

Authors Mendes PM,Gomes Fontoura GM,Rodrigues LDS,Souza AS,Viana JPM,Fernandes Pereira AL,Dutra RP,Nogueira Ferreira AG,Neto MS,Reis AS,Berretta AA,Monteiro-Neto V,Maciel MCG

Effects of Dietary Limosilactobacillus fermentum and Lactocaseibacillus paracasei Supplementation on the Intestinal Stem Cell Proliferation, Immunity, and Ileal Microbiota of Broiler Chickens Challenged by Coccidia and Clostridium perfringens.

Animals : an open access journal from MDPI , Volume: 13 Issue: 24 2023 Dec 15

Authors Guo S,Tong W,Qi Y,Jiang M,Li P,Zhang Z,Hu Q,Song Z,Ding B

Effects of Lactobacillus plantarum HW1 on Growth Performance, Intestinal Immune Response, Barrier Function, and Cecal Microflora of Broilers with Necrotic Enteritis.

Animals : an open access journal from MDPI , Volume: 13 Issue: 24 2023 Dec 10

Authors Chen P,Lv H,Liu W,Wang Y,Zhang K,Che C,Zhao J,Liu H

Effects of Spirulina platensis and/or Allium sativum on Antioxidant Status, Immune Response, Gut Morphology, and Intestinal Lactobacilli and Coliforms of Heat-Stressed Broiler Chicken.

Veterinary sciences , Volume: 10 Issue: 12 2023 Nov 27

Authors Attia YA,Hassan RA,Addeo NF,Bovera F,Alhotan RA,Al-Qurashi AD,Al-Baadani HH,Al-Banoby MA,Khafaga AF,Eisenreich W,Shehata AA,Basiouni S

In silico design and mechanistic study of niosome-encapsulated curcumin against multidrug-resistant Staphylococcus aureus biofilms.

Frontiers in microbiology , Volume: 14 2023

Authors Khaleghian M,Sahravi H,Hafezi Y,Mirshafeeyan M,Moghaddam ZS,Farasati Far B,Noorbazargan H,Mirzaie A,Ren Q

Identification of inulin-responsive bacteria in the gut microbiota via multi-modal activity-based sorting.

Nature communications , Volume: 14 Issue: 1 2023 Dec 14

Authors Riva A,Rasoulimehrabani H,Cruz-Rubio JM,Schnorr SL,von Baeckmann C,Inan D,Nikolov G,Herbold CW,Hausmann B,Pjevac P,Schintlmeister A,Spittler A,Palatinszky M,Kadunic A,Hieger N,Del Favero G,von Bergen M,Jehmlich N,Watzka M,Lee

KS,Wiesenbauer J,Khadem S,Viernstein H,Stocker R,Wagner M,Kaiser C,Richter A,Kleitz F,Berry D

Effects of pomegranate (Punica granatum L.) peel on the growth performance and intestinal microbiota of broilers challenged with Escherichia coli.

Poultry science , Volume: 103 Issue: 2 2024 Feb

Authors Xu P,Wang J,Chen P,Ding H,Wang X,Li S,Fan X,Zhou Z,Shi D,Li Z,Cao S,Xiao Y

Beneficial effects of GABA-producing potential probiotic Limosilactobacillus fermentum L18 of human origin on intestinal permeability and human gut microbiota.

Microbial cell factories , Volume: 22 Issue: 1 2023 Dec 12

Authors Kaur S,Sharma P,Mayer MJ,Neuert S,Narbad A,Kaur S

Impact of structurally diverse polysaccharides on colonic mucin O-glycosylation and gut microbiota.

NPJ biofilms and microbiomes , Volume: 9 Issue: 1 2023 Dec 11

Authors Zhao T,Zhang Y,Nan L,Zhu Q,Wang S,Xie Y,Dong X,Cao C,Lin X,Lu Y,Liu Y,Huang L,Gong G,Wang Z

To Evaluate and Compare the Antimicrobial Efficacy of Various Disinfecting Agents on K-file against Gram-positive and Gram-negative Bacteria of Endodontic Origin: An In Vitro Study.

International journal of clinical pediatric dentistry , Volume: 16 Issue: Suppl 2 2023 Sep

Authors Opi K,Dhinsa K,Tripathi AM,Saha S

Akkermansia muciniphila and Alcohol-Related Liver Diseases. A Systematic Review.

Molecular nutrition & food research , Volume: 68 Issue: 2 2024 Jan

Authors Sparfel L,Ratodiarivony S,Boutet-Robinet E,Ellero-Simatos S,Jolivet-Gougeon A

Role of microencapsulated Lactobacillus plantarum in alleviating intestinal inflammatory damage through promoting epithelial proliferation and differentiation in layer chicks.

Frontiers in microbiology , Volume: 14 2023

Authors Cui Y,Huang P,Duan H,Song S,Gan L,Liu Z,Lin Q,Wang J,Qi G,Guan J

Analysis of the antibacterial effects of turmeric on particular bacteria.

Medicine , Volume: 102 Issue: 48 2023 Dec 1

Authors Odo EO,Ikwuegbu JA,Obeagu EI,Chibueze SA,Ochiaka RE

Bacillus coagulans prevents the decline in average daily feed intake in young piglets infected with enterotoxigenic Escherichia coli K88 by reducing intestinal injury and regulating the gut microbiota.

Frontiers in cellular and infection microbiology , Volume: 13 2023

Authors Zhang Y,Tian X,Dong Y,Li R,Shen M,Yi D,Wu T,Wang L,Zhao D,Hou Y

Curcumin alleviates traumatic brain injury induced by gas explosion through modulating gut microbiota and suppressing the LPS/TLR4/MyD88/NF- κ B pathway.

Environmental science and pollution research international , Volume: 31 Issue: 1 2024 Jan

Authors Dong X,Deng L,Su Y,Han X,Yao S,Wu W,Cao J,Tian L,Bai Y,Wang G,Ren W

Quercetin targets SarA of methicillin-resistant Staphylococcus aureus to mitigate biofilm formation.

Microbiology spectrum , Volume: 12 Issue: 1 2024 Jan 11

Authors Liu P,Kang X,Chen X,Luo X,Li C,Wang G

Antioxidant Capacity of Eugenol and Its Effect on Intestinal Flora Under in Vitro Simulated Conditions.

Studies in health technology and informatics , Volume: 308 2023 Nov 23

Authors Dai J

Effects of Dietary Bacillus coagulans and Tributyrin on Growth Performance, Serum Antioxidants, Intestinal Morphology, and Cecal Microbiota of Growing Yellow-Feathered Broilers.

Animals : an open access journal from MDPI , Volume: 13 Issue: 22 2023 Nov 15

Authors Hou J,Lian L,Lu L,Gu T,Zeng T,Chen L,Xu W,Li G,Wu H,Tian Y

Mouse intestinal microbiome modulation by oral administration of a GABA-producing Bifidobacterium adolescentis strain.

Microbiology spectrum , Volume: 12 Issue: 1 2024 Jan 11

Authors Tamés H,Sabater C,Royo F,Margolles A,Falcón JM,Ruas-Madiedo P,Ruiz L

Gut microbiome supplementation as therapy for metabolic syndrome.

World journal of diabetes , Volume: 14 Issue: 10 2023 Oct 15

Authors Antony MA,Chowdhury A,Edem D,Raj R,Nain P,Joglekar M,Verma V,Kant R

Inulin prebiotic ameliorates type 1 diabetes dictating regulatory T cell homing via CCR4 to pancreatic islets and butyrogenic gut microbiota in murine model.

Journal of leukocyte biology , Volume: 115 Issue: 3 2024 Feb 23

Authors Guimarães JB,Rodrigues VF,Pereira ÍS,Manso GMDC,Elias-Oliveira J,Leite JA,Waldetario MCGM,de Oliveira S,Gomes ABDSP,Faria AMC,Ramos SG,Bonato VLD,Silva JS,Vinolo MAR,Sampaio UM,Clerici MTPS,Carlos D

Utilization of diverse oligosaccharides for growth by Bifidobacterium and Lactobacillus species and their in vitro co-cultivation characteristics.

International microbiology : the official journal of the Spanish Society for Microbiology , 2023 Nov 9

Authors Dong Y,Han M,Fei T,Liu H,Gai Z

Dietary Galactooligosaccharides Supplementation as a Gut Microbiota-Regulating Approach to Lower Early Life Arsenic Exposure.

Environmental science & technology , 2023 Nov 9

Authors Zhang YS,Juhasz AL,Xi JF,Ma LQ,Zhou D,Li HB

Cooperative interactions between Veillonella ratti and Lactobacillus acidophilus ameliorate DSS-induced ulcerative colitis in mice.

Food & function , Volume: 14 Issue: 23 2023 Nov 27

Authors Li N,Wang H,Zhao H,Wang M,Cai J,Hao Y,Yu J,Jiang Y,Lü X,Liu B

Bifidobacterium longum subsp. longum BL21 Ameliorates Alcoholic Liver Disease in Mice Through Enhancement of the Hepatic Antioxidant Capacity and Modulation of the Gut Microbiota.

Journal of applied microbiology , 2023 Oct 31

Authors Dong Y,Wu Z,Gai Z,Han M

Gut microbiota and metabolic modulation by supplementation of polysaccharide-producing Bacillus licheniformis from Tibetan Yaks: A comprehensive multi-omics analysis.

International journal of biological macromolecules , Volume: 254 Issue: Pt 2 2024 Jan

Authors Zeng Z,Quan C,Zhou S,Gong S,Iqbal M,Kulyar MF,Nawaz S,Li K,Li J

Antitumor effect of exopolysaccharide from Lactiplantibacillus plantarum WLPL09 on melanoma mice via regulating immunity and gut microbiota.

International journal of biological macromolecules , Volume: 254 Issue: Pt 1 2023 Oct 31

Authors Wang Q,Jiang B,Wei M,He Y,Wang Y,Zhang Q,Wei H,Tao X

Promoting intestinal antimicrobial defense and microbiome symbiosis contributes to IL-22-mediated protection against alcoholic hepatitis in mice.

Frontiers in immunology , Volume: 14 2023

Authors Yue R,Wei X,Hao L,Dong H,Guo W,Sun X,Zhao J,Zhou Z,Zhong W

Consumption of sucralose- and acesulfame-potassium-containing diet soda alters the relative abundance of microbial taxa at the species level: findings of two pilot studies.

Applied physiology, nutrition, and metabolism = Physiologie appliquee, nutrition et metabolisme , Volume: 49 Issue: 1 2024 Jan 1

Authors Sylvetsky AC,Clement RA,Stearrett N,Issa NT,Dore FJ,Mazumder R,King CH,Hubal MJ,Walter PJ,Cai H,Sen S,Rother KI,Crandall KA

Spices as Sustainable Food Preservatives: A Comprehensive Review of Their Antimicrobial Potential.

Pharmaceuticals (Basel, Switzerland) , Volume: 16 Issue: 10 2023 Oct 12

Authors Sulieman AME,Abdallah EM,Alanazi NA,Ed-Dra A,Jamal A,Idriss H,Alshammari AS,Shommo SAM

Uncovering the promising role of grape pomace as a modulator of the gut microbiome: An in-depth review.

Heliyon , Volume: 9 Issue: 10 2023 Oct

Authors Sinrod AJG,Shah IM,Surek E,Barile D

Differential effects of plant-based flours on metabolic homeostasis and the gut microbiota in high-fat fed rats.

Nutrition & metabolism , Volume: 20 Issue: 1 2023 Oct 19

Authors Martinez TM,Wachsmuth HR,Meyer RK,Weninger SN,Lane AI,Kangath A,Schiro G,Laubitz D,Stern JH,Duca FA

Phlorizin Mitigates Dextran Sulfate Sodium-Induced Colitis in Mice by Modulating Gut Microbiota and Inhibiting Ferroptosis.

Journal of agricultural and food chemistry , 2023 Oct 19

Authors Cheng J,Liu D,Huang Y,Chen L,Li Y,Yang Z,Fu S,Hu G

Effect of grape pomace supplement on growth performance, gastrointestinal microbiota, and methane production in Tan lambs.

Frontiers in microbiology , Volume: 14 2023

Authors Cheng X,Du X,Liang Y,Degen AA,Wu X,ji K,Gao Q,Xin G,Cong H,Yang G

Thymus Vulgaris Oil Nanoemulsion: Synthesis, Characterization, Antimicrobial and Anticancer Activities.

Molecules (Basel, Switzerland) , Volume: 28 Issue: 19 2023 Oct 2

Authors Doghish AS,Shehabeldine AM,El-Mahdy HA,Hassanin MMH,AI-Askar AA,Marey SA,Abdelgawad H,Hashem AH

Whole-Grain Highland Barley Attenuates Atherosclerosis Associated with NLRP3 Inflammasome Pathway and Gut Microbiota in ApoE(-/-) Mice.

Nutrients , Volume: 15 Issue: 19 2023 Sep 28

Authors Wu T,Yu Q,Luo Y,Dai Z,Zhang Y,Wang C,Shen Q,Xue Y

High-fructose corn syrup aggravates colitis via microbiota dysbiosis-mediated Th17/Treg imbalance.

Clinical science (London, England : 1979) , Volume: 137 Issue: 20 2023 Oct 31

Authors Zhou M,Liu X,He J,Xu X,Ju C,Luo S,Lu X,Du P,Chen Y

Analysis of the Antibacterial Activity and the Total Phenolic and Flavonoid Contents of the Moringa oleifera Leaf Extract as

an Antimicrobial Agent against Pseudomonas aeruginosa.

Scientifica , Volume: 2023 2023

Authors Royani A,Hanafi M,Lotulung PDN,Julistiono H,Dinoto A,Manaf A

Butyrogenic, bifidogenic and slight anti-inflammatory effects of a green kiwifruit powder (Kiwi FFG®) in a human gastrointestinal model simulating mild constipation.

Food research international (Ottawa, Ont.) , Volume: 173 Issue: Pt 2 2023 Nov

Authors Goya-Jorge E,Bondue P,Gonza I,Laforêt F,Antoine C,Boutaleb S,Douny C,Scippo ML,de Ribaucourt JC,Crahay F,Delcenserie V

Antitumor, Antioxidant, and Antimicrobial Properties and Anticancer Potential of Novel Environmentally Friendly Amide-Modified Gallic Acid Derivatives.

Journal of agricultural and food chemistry , 2023 Oct 6

Authors Wang X,Cong J,Zhang L,Han Z,Jiang X,Yu L

Highland barley attenuates high fat and cholesterol diet induced hyperlipidemia in mice revealed by 16S rRNA gene sequencing and untargeted metabolomics.

Life sciences , Volume: 334 2023 Dec 1

Authors Li X,Wang L

The Impact in Intestines and Microbiota in BALB/c Mice Through Consumption of Milk Fermented by Potentially Probiotic Lactobacillus casei SJRP38 and Limosilactobacillus fermentum SJRP43.

Probiotics and antimicrobial proteins , 2023 Oct 5

Authors de Souza BMS,Guerra LHA,Varallo GR,Taboga SR,Penna ALB

Functional proteins in breast milk and their correlation with the development of the infant gut microbiota: a study of mother-infant pairs.

Frontiers in microbiology , Volume: 14 2023

Authors Xi M,Liang D,Yan Y,Duan S,Leng H,Yang H,Shi X,Na X,Yang Y,Yang C,Szeto IM,Zhao A

Antibiofilm, Antimicrobial, Anti-Quorum Sensing, and Antioxidant Activities of Saudi Sidr Honey: In Vitro and Molecular Docking Studies.

Pharmaceutics , Volume: 15 Issue: 9 2023 Aug 22

Authors Bazaid AS,Alsolami A,Patel M,Khateb AM,Aldarhami A,Snoussi M,Almusheet SM,Qanash H

In Vitro Prebiotic Effects and Antibacterial Activity of Five Leguminous Honeys.

Foods (Basel, Switzerland) , Volume: 12 Issue: 18 2023 Sep 6

Authors Fratianni F,De Giulio B,d'Acierno A,Amato G,De Feo V,Coppola R,Nazzaro F

Enterococcus faecium C171: Modulating the Immune Response to Acute Lethal Viral Challenge.

International journal of antimicrobial agents , Volume: 62 Issue: 5 2023 Nov

Authors Mi J,He T,Hu X,Wang Z,Wang T,Qi X,Li K,Gao L,Liu C,Zhang Y,Wang S,Qiu Y,Liu Z,Song J,Wang X,Gao Y,Cui H

Isolation and characterization of potential Lactobacillus acidophilus strains isolated from pig feces.

Animal science journal = Nihon chikusan Gakkaiho , Volume: 94 Issue: 1 2023 Jan-Dec

Authors Liu Z,Zhang W,Huang T,Xiao M,Peng Z,Peng F,Guan Q,Xie MY,Xiong T

Combined oral intake of short and long fructans alters the gut microbiota in food allergy model mice and contributes to food allergy prevention.

BMC microbiology , Volume: 23 Issue: 1 2023 Sep 22

Authors Takahashi H,Fujii T,Yamakawa S,Yamada C,Fujiki K,Kondo N,Funasaka K,Hirooka Y,Tochio T

Mannan oligosaccharides selenium ameliorates intestinal mucosal barrier, and regulate intestinal microbiota to prevent Enterotoxigenic Escherichia coli -induced diarrhea in weaned piglets.

Ecotoxicology and environmental safety , Volume: 264 2023 Oct 1

Authors Zha A,Tu R,Qi M,Wang J,Tan B,Liao P,Wu C,Yin Y

Curcumin-sulfobutyl-ether beta cyclodextrin inclusion complex: preparation, spectral characterization, molecular modeling, and antimicrobial activity.

Journal of biomolecular structure & dynamics , Volume: 42 Issue: 19 2024

Authors Sravani AB,Shenoy K M,Chandrika B,Kumar B H,Kini SG,Pai K SR,Lewis SA

The effects of Ascophyllum nodosum, Camellia sinensis-leaf extract, and their joint interventions on glycolipid and energy metabolism in obese mice.

Frontiers in nutrition , Volume: 10 2023

Authors Xu Y,Jia X,Zhang W,Xie Q,Zhu M,Zhao Z,Hao J,Li H,Du J,Liu Y,Feng H,He J,Li H

In vitro antimicrobial and cytotoxic activity of Neem and Kirata herbal formulation mediated Silver nanoparticles.

Bioinformation , Volume: 18 Issue: 11 2022

Authors R R,Sp SD,B N,S R

Effect of Ginger Root Powder on Gastrointestinal Bacteria Composition, Gastrointestinal Symptoms, Mental Health, Fatigue, and Quality of Life: A Double-Blind Placebo-Controlled Trial.

The Journal of nutrition , Volume: 153 Issue: 11 2023 Nov

Authors Crichton M,Marshall S,Marx W,Isenring E,Vázquez-Campos X,Dawson SL,Lohning A

Effect of ginger essential oil and 6-gingerol on a multispecies biofilm of *Listeria monocytogenes*, *Salmonella Typhimurium*, and *Pseudomonas aeruginosa*.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 54 Issue: 4 2023 Dec

Authors Dos Santos EAR,Tadielo LE,Schmiedt JA,Possebon FS,Pereira MO,Pereira JG,Dos Santos Bersot L

Antibiotic-Potentiating Effect of Some Bioactive Natural Products against Planktonic Cells, Biofilms, and Virulence Factors of *Pseudomonas aeruginosa*.

BioMed research international , Volume: 2023 2023

Authors Chimi LY,Bisso BN,Njateng GSS,Dzoyem JP

The chronic consumption of dietary fructose promotes the gut *Clostridium* species imbalance and bile acid alterations in developing nonalcoholic fatty liver disease.

The Journal of nutritional biochemistry , Volume: 121 2023 Nov

Authors Zhang D,Wang H,Liu A,Wang S,Xu C,Lan K,Xiang W,Zhu K,Xiao Y,Fu J,Jiang R,Chen W,Ni Y

Resveratrol alleviates DSS-induced IBD in mice by regulating the intestinal microbiota-macrophage-arginine metabolism axis.

European journal of medical research , Volume: 28 Issue: 1 2023 Sep 2

Authors Xu X,Ocansey DKW,Pei B,Zhang Y,Wang N,Wang Z,Mao F

Positive efficacy of *Lactiplantibacillus plantarum* MH-301 as a postoperative adjunct to endoscopic sclerotherapy for internal hemorrhoids: a randomized, double-blind, placebo-controlled trial.

Food & function , 2023 Sep 1

Authors Zhang K,Liu H,Liu P,Feng Q,Gan L,Yao L,Huang G,Fang Z,Chen T,Fang N

Dietary oregano aqueous extract improves growth performance and intestinal health of broilers through modulating gut microbial compositions.

Journal of animal science and biotechnology , Volume: 14 Issue: 1 2023 Sep 1

Authors Zhang F,Yang J,Zhan Q,Shi H,Li Y,Li D,Li Y,Yang X

Lactobacillus paracasei AH2 isolated from Chinese sourdough alleviated gluten-induced food allergy through modulating gut microbiota and promoting short-chain fatty acid accumulation in a BALB/c mouse model.

Journal of the science of food and agriculture , Volume: 104 Issue: 2 2024 Jan 30

Authors Chen C,Liu C,Mu K,Xue W

Effect of hydrophobic property on antibacterial activities of green tea polysaccharide conjugates against *Escherichia coli*.

International journal of biological macromolecules , Volume: 253 Issue: Pt 1 2023 Dec 31

Authors Zhou Y,Liu W,Cao W,Cheng Y,Liu Z,Chen X

Polysaccharide from Ziyang Selenium-Enriched Green Tea Prevents Obesity and Promotes Adipose Thermogenesis via Modulating the Gut Microbiota.

Journal of agricultural and food chemistry , Volume: 71 Issue: 36 2023 Sep 13

Authors Li D,Cheng Y,Zeng X,Li Y,Xia Z,Yang X,Ren D

Immunomodulatory effects of inulin and its intestinal metabolites.

Frontiers in immunology , Volume: 14 2023

Authors Sheng W, Ji G,Zhang L

Bifidobacterium animalis subsp. *lactis* HN019 has antimicrobial activity against endodontic pathogens in vitro.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , 2023 Aug 26

Authors Araujo LDC,da Silva RAB,Silva CMPC,Salvador SLS,Messora MR,Furlaneto FAC,Mastrange MDA,Pucinelli CM,da Silva LAB

Relationship between Oat Consumption, Gut Microbiota Modulation, and Short-Chain Fatty Acid Synthesis: An Integrative Review.

Nutrients , Volume: 15 Issue: 16 2023 Aug 11

Authors Fabiano GA,Shinn LM,Antunes AEC

Effect of *Bacillus subtilis* and Oregano Oil on Performance, Gut Microbiome, and Intestinal Morphology in Pullets.

Animals : an open access journal from MDPI , Volume: 13 Issue: 16 2023 Aug 8

Authors Kim HJ,Kim HS,Yun YS,Kang HK

Antibacterial activity of *Thymus vulgaris* (thyme) essential oil against strains of *Pseudomonas aeruginosa*, *Klebsiella pneumoniae* and *Staphylococcus saprophyticus* isolated from meat product.

Brazilian journal of biology = Revista brasleira de biología , Volume: 83 2023

Authors Diniz AF,Santos B,Nóbrega LMMO,Santos VRL,Mariz WS,Cruz PSC,Nóbrega RO,Silva RL,Paula AFR,Santos JRDA,Pessôa HLF,Oliveira-Filho AA

Supplementation of ginger root extract into broiler chicken diet: effects on growth performance and immunocompetence.

Poultry science , Volume: 102 Issue: 10 2023 Jul 11

Authors Dosu G,Obanla TO,Zhang S,Sang S,Adetunji AO,Fahrenheit AC,Ferket PR,Nagabhushanam K,Fasina YO

[Revealing the Potential Impacts of Nutraceuticals Formulated with Freeze-Dried Jaboticaba Peel and Limosilactobacillus fermentum Strains Candidates for Probiotic Use on Human Intestinal Microbiota.](#)

Probiotics and antimicrobial proteins , Volume: 16 Issue: 5 2024 Oct

Authors da Silva JYP,do Nascimento HMA,de Albuquerque TMR,Sampaio KB,Dos Santos Lima M,Monteiro M,Leite IB,da Silva EF,do Nascimento YM,da Silva MS,Tavares JF,de Brito Alves JL,de Oliveira MEG,de Souza EL

[Sustained ameliorative effect of Lactobacillus acidophilus LA85 on dextran sulfate sodium-induced colitis in mice.](#)

Journal of food science , Volume: 88 Issue: 9 2023 Sep

Authors Han M,Liao W,Dong Y,Fei T,Gai Z

[Association of cigarette smoking with risk of colorectal cancer subtypes classified by gut microbiota.](#)

Tobacco induced diseases , Volume: 21 2023

Authors Cai JA,Zhang YZ,Yu ED,Ding WQ,Li ZS,Zhong L,Cai QC

[Liposomal Epigallocatechin-3-Gallate for the Treatment of Intestinal Dysbiosis in Children with Autism Spectrum Disorder: A Comprehensive Review.](#)

Nutrients , Volume: 15 Issue: 14 2023 Jul 24

Authors de la Rubia Ortí JE,Moneti C,Serrano-Ballesteros P,Castellano G,Bayona-Babiloni R,Carriquí-Suárez AB,Motos-Muñoz M,Proaño B,Benlloch M

[Effect of an Enteroprotective Complementary Feed on Faecal Markers of Inflammation and Intestinal Microbiota Composition in Weaning Puppies.](#)

Veterinary sciences , Volume: 10 Issue: 7 2023 Jul 3

Authors Meineri G,Cocolin L,Morelli G,Schievano C,Atuahene D,Ferrocino I

[Carvacrol attenuated lipopolysaccharide-induced intestinal injury by down-regulating TLRs gene expression and regulating the gut microbiota in rabbit.](#)

Scientific reports , Volume: 13 Issue: 1 2023 Jul 15

Authors Wu D,Xia M,Yan A,Jiang H,Fan J,Zhou S,Wei X,Liu S,Chen B

[The anti-hyperlipidemic effect and underlying mechanisms of barley \(Hordeum vulgare L.\) grass polysaccharides in mice induced by a high-fat diet.](#)

Food & function , 2023 Jul 14

Authors Yan JK,Chen TT,Li LQ,Liu F,Liu X,Li L

[Bile Acids and Short-Chain Fatty Acids Are Modulated after Onion and Apple Consumption in Obese Zucker Rats.](#)

Nutrients , Volume: 15 Issue: 13 2023 Jul 5

Authors Balderas C,de Ancos B,Sánchez-Moreno C

[Physicochemical, Rheological, and Sensory Characteristics of Yogurt Fermented by Lactic Acid Bacteria with Probiotic Potential and Bioprotective Properties.](#)

Foods (Basel, Switzerland) , Volume: 12 Issue: 13 2023 Jun 29

Authors Hoxha R,Evstatieva Y,Nikolova D

[Short-Term Dietary Intervention with Whole Oats Protects from Antibiotic-Induced Dysbiosis.](#)

Microbiology spectrum , Volume: 11 Issue: 4 2023 Aug 17

Authors Costa SK,Antosca K,Beekman CN,Peterson RL,Penumutchu S,Belenky P

[Limosilactobacillus fermentum CECT5716: Clinical Potential of a Probiotic Strain Isolated from Human Milk.](#)

Nutrients , Volume: 15 Issue: 9 2023 May 6

Authors Ozen M,Piloquet H,Schaubeck M

[Bacillus coagulans MZY531 alleviates intestinal mucosal injury in immunosuppressive mice via modulating intestinal barrier, inflammatory response, and gut microbiota.](#)

Scientific reports , Volume: 13 Issue: 1 2023 Jul 10

Authors Zhao Z,Sun M,Cui X,Chen J,Liu C,Zhang X

[The probiotic Lactobacillus casei Zhang-mediated correction of gut dysbiosis ameliorates peritoneal fibrosis by suppressing macrophage-related inflammation via the butyrate/PPAR- \$\gamma\$ /NF- \$\kappa\$ B pathway.](#)

Food & function , Volume: 14 Issue: 15 2023 Jul 31

Authors Wu Z,Zuo X,Wang X,Shi M,Zhu H,Cao C,Liu X,Liang W,Yao Y,Wang L

[Cinnamon oil solid self-microemulsion mediates chronic mild stress-induced depression in mice by modulating monoamine neurotransmitters, corticosterone, inflammation cytokines, and intestinal flora.](#)

Heliyon , Volume: 9 Issue: 6 2023 Jun

Authors Ma T,Tang B,Wang Y,Shen M,Ping Y,Wang L,Su J

[Cell-free supernatant of probiotic bacteria exerted antibiofilm and antibacterial activities against Pseudomonas aeruginosa: A novel biotic therapy.](#)

Frontiers in pharmacology , Volume: 14 2023

Authors Drumond MM,Tapia-Costa AP,Neumann E,Nunes AC,Barbosa JW,Kassuha DE,Mancha-Agresti P

Antibacterial Activities of Mint (*Mentha piperita*) Leaf Extracts (Aqueous) Against Two Food Borne infection causing pathogens: *Staphylococcus aureus* and *Escherichia coli*.

Mymensingh medical journal : MMJ , Volume: 32 Issue: 3 2023 Jul

Authors Afrin A,Ahmed AU,Zannat KE,Tanzim SM,Saha BC,Joyal JB,Aktar M,Nira NH,Sabrin F,Nahar S,Jahan S,Shimu RN,Hossain MA

Effects of *Lactocaseibacillus casei* (*Lactobacillus casei*) and *Saccharomyces cerevisiae* mixture on growth performance, hematological parameters, immunological responses, and intestinal microbiome in weaned pigs.

Frontiers in veterinary science , Volume: 10 2023

Authors Kim S,Kwak J,Song M,Cho J,Kim ES,Keum GB,Doo H,Pandey S,Cho JH,Ryu S,Kim S,Im YM,Kim HB

Goat and cow milk differ in altering the microbiota composition and neurotransmitter levels in insomnia mouse models.

Food & function , Volume: 14 Issue: 14 2023 Jul 17

Authors Mo L,Jing H,Du X,Zhao C,Lin Y,Li J,Wang H

Effect of Probiotic Yogurt Supplementation(*Bifidobacterium animalis* ssp. *lactis* BB-12) on Gut Microbiota of Female Taekwondo Athletes and Its Relationship with Exercise-Related Psychological Fatigue.

Microorganisms , Volume: 11 Issue: 6 2023 May 26

Authors Zhu J,Zhu Y,Song G

Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania.

Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 6 2023 Jun 5

Authors Vica ML,Glevitzky M,Heghedus-Mindru RC,Dumitrei GA,Heghedus-Mindru G,Popa M,Faur DM,Bâlici ?,Teodoru CA

Dietary Prebiotic Oligosaccharides and Arachidonate Alter the Fecal Microbiota and Mucosal Lipid Composition of Suckling Pigs.

The Journal of nutrition , 2023 Jun 20

Authors Eudy BJ,Odle J,Lin X,Maltecca C,Walter KR,McNulty NP,Fellner V,Jacobi SK

Harnessing the probiotic properties and immunomodulatory effects of fermented food-derived *Limosilactobacillus fermentum* strains: implications for environmental enteropathy.

Frontiers in nutrition , Volume: 10 2023

Authors Prakash V,Madhavan A,Veedu AP,Babu P,Jothish A,Nair SS,Suhail A,Prabhakar M,Sain T,Rajan R,Somanathan P,Abhinand K,Nair BG,Pal S

Probiotic modulation of gut microbiota by *Bacillus coagulans* MTCC 5856 in healthy subjects: A randomized, double-blind, placebo-control study.

Medicine , Volume: 102 Issue: 20 2023 May 19

Authors Majeed M,Nagabhushanam K,Mundkur L,Paulose S,Divakar H,Rao S,Arumugam S

Crosstalk between dietary pomegranate and gut microbiota: evidence of health benefits.

Critical reviews in food science and nutrition , 2023 Jun 19

Authors Yin Y,Martínez R,Zhang W,Estévez M

Effects of liposoluble components of highland barley spent grains on physiological indexes, intestinal microorganisms, and the liver transcriptome in mice fed a high-fat diet.

Food science & nutrition , Volume: 11 Issue: 6 2023 Jun

Authors Zhang J,Luo Y,Feng S,Sun W,Li S,Kong L

Investigating the modulatory effects of *Moringa oleifera* on the gut microbiota of chicken model through metagenomic approach.

Frontiers in veterinary science , Volume: 10 2023

Authors Soundararajan S,Selvakumar J,Maria Joseph ZM,Gopinath Y,Saravanan V,Santhanam R

Targeted modification of gut microbiota and related metabolites via dietary fiber.

Carbohydrate polymers , Volume: 316 2023 Sep 15

Authors Nie Q,Sun Y,Li M,Zuo S,Chen C,Lin Q,Nie S

Characteristic Gut Bacteria in High Barley Consuming Japanese Individuals without Hypertension.

Microorganisms , Volume: 11 Issue: 5 2023 May 9

Authors Maruyama S,Matsuoka T,Hosomi K,Park J,Nishimura M,Murakami H,Konishi K,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Ooka T,Yamagata Z,Kunisawa J

In vitro simulated fecal fermentation of mixed grains on short-chain fatty acid generation and its metabolized mechanism.

Food research international (Ottawa, Ont.) , Volume: 170 2023 Aug

Authors Xu L,Yu Q,Ma L,Su T,Zhang D,Yao D,Li Z

Lactobacillus casei and Its Supplement Alleviate Stress-Induced Depression and Anxiety in Mice by the Regulation of BDNF Expression and NF- κ B Activation.

Nutrients , Volume: 15 Issue: 11 2023 May 26

Authors Ma X,Shin YJ,Park HS,Jeong JW,Kim JY,Shim JJ,Lee JL,Kim DH

- Regulation of Gut Microflora by Lactobacillus casei Zhang Attenuates Liver Injury in Mice Caused by Anti-Tuberculosis Drugs.
International journal of molecular sciences , Volume: 24 Issue: 11 2023 May 29
 Authors Li Y,Zhao L,Sun C,Yang J,Zhang X,Dou S,Hua Q,Ma A,Cai J
Bacillus amyloliquefaciens alleviates the pathological injuries in mice infected with Schistosoma japonicum by modulating intestinal microbiome.
- Frontiers in cellular and infection microbiology** , Volume: 13 2023
 Authors Chen H,Sun R,Wang J,Yao S,Batool SS,Yu Z,Huang S,Huang J
Effect of Bifidobacterium bifidum G9-1 on the Intestinal Environment and Diarrhea-Predominant Irritable Bowel Syndrome (IBS-D)-like Symptoms in Patients with Quiescent Crohn`s Disease: A Prospective Pilot Study.
- Journal of clinical medicine** , Volume: 12 Issue: 10 2023 May 9
 Authors Tomita T,Fukui H,Okugawa T,Nakanishi T,Mieno M,Nakai K,Eda H,Kitayama Y,Oshima T,Shinzaki S,Miwa H
Comparison of the Effects of Enzymolysis Seaweed Powder and Saccharomyces boulardii on Intestinal Health and Microbiota Composition in Kittens.
- Metabolites** , Volume: 13 Issue: 5 2023 May 8
 Authors Zhang M,Mo R,Li M,Qu Y,Wang H,Liu T,Liu P,Wu Y
Dietary Supplementation of Brevibacillus laterosporus S62-9 Improves Broiler Growth and Immunity by Regulating Cecal Microbiota and Metabolites.
- Probiotics and antimicrobial proteins** , 2023 May 22
 Authors Zhi T,Ma A,Liu X,Chen Z,Li S,Jia Y
The improvement of intestinal dysbiosis and hepatic metabolic dysfunction in dextran sulfate sodium-induced colitis mice: effects of curcumin.
- Journal of gastroenterology and hepatology** , Volume: 38 Issue: 8 2023 Aug
 Authors Zhou F,Mai T,Wang Z,Zeng Z,Shi J,Zhang F,Kong N,Jiang H,Guo L,Xu M,Lin J
The Impact of Smoking on Microbiota: A Narrative Review.
- Biomedicines** , Volume: 11 Issue: 4 2023 Apr 10
 Authors Cicchinelli S,Rosa F,Manca F,Zanza C,Ojetti V,Covino M,Candelli M,Gasbarrini A,Franceschi F,Piccioni A
Preparation and characterization of curcumin/chitosan conjugate as an efficient photodynamic antibacterial agent.
- Carbohydrate polymers** , Volume: 313 2023 Aug 1
 Authors Zhao L,Ding X,Khan IM,Yue L,Zhang Y,Wang Z
Supplementation with inulin-type fructans affects gut microbiota and attenuates some of the cardiometabolic benefits of a plant-based diet in individuals with overweight or obesity.
- Frontiers in nutrition** , Volume: 10 2023
 Authors Aldubayan MA,Mao X,Laursen MF,Pigsborg K,Christensen LH,Roager HM,Nielsen DS,Hjorth MF,Magkos F
Microencapsulation of Lactobacillus plantarum MBO01 and its probiotic effect on growth performance, cecal microbiome and gut integrity of broiler chickens in a tropical climate.
- Animal bioscience** , Volume: 36 Issue: 8 2023 Aug
 Authors Vimom S,Angkanaporn K,Nuengjamnong C
Effect of the combination of Lactobacillus acidophilus (probiotic) with vitamin K3 and vitamin E on Escherichia coli and Staphylococcus aureus: An in vitro pathogen model.
- Molecular medicine reports** , Volume: 27 Issue: 6 2023 Jun
 Authors Celebi O,Taghizadehghalehjoughi A,Celebi D,Mesnage R,Golokhvast KS,Arsene AL,Spandidos DA,Tsatsakis A
Milk protects against sarcopenic obesity due to increase in the genus Akkermansia in faeces of db/db mice.
- Journal of cachexia, sarcopenia and muscle** , Volume: 14 Issue: 3 2023 Jun
 Authors Okamura T,Hamaaguchi M,Nakajima H,Kitagawa N,Majima S,Senmaru T,Okada H,Ushigome E,Nakanishi N,Sasano R,Fukui M
Prevention of High-Fat-Diet-Induced Dyslipidemia by Lactobacillus plantarum LP104 through Mediating Bile Acid Enterohepatic Axis Circulation and Intestinal Flora.
- Journal of agricultural and food chemistry** , Volume: 71 Issue: 19 2023 May 17
 Authors Wang Y,Xing X,Ma Y,Fan Y,Zhang Y,Nan B,Li X,Wang Y,Liu J
Bacillus licheniformis reverses the environmental ceftriaxone sodium-induced gut microbial dysbiosis and intestinal inflammation in mice.
- Ecotoxicology and environmental safety** , Volume: 257 2023 Jun 1
 Authors Zeng Z,Yue W,Kined C,Wang P,Liu R,Liu J,Chen X
Lactobacillus plantarum CCFM405 against Rotenone-Induced Parkinson's Disease Mice via Regulating Gut Microbiota and Branched-Chain Amino Acids Biosynthesis.
- Nutrients** , Volume: 15 Issue: 7 2023 Apr 1
 Authors Chu C,Yu L,Li Y,Guo H,Zhai Q,Chen W,Tian F
Alleviation of Alcoholic Fatty Liver by Dendrobium officinale Flower Extracts due to Regulation of Gut Microbiota and Short-

Chain Fatty Acids in Mice Exposed to Chronic Alcohol.**Foods (Basel, Switzerland)** , Volume: 12 Issue: 7 2023 Mar 28

Authors Zhang J,Fan J,Luo H,Liang Z,Guan Y,Lei X,Bo N,Zhao M

Neuroprotective Effects of Lactobacillus plantarum PS128 in a Mouse Model of Parkinson's Disease: The Role of Gut Microbiota and MicroRNAs.**International journal of molecular sciences** , Volume: 24 Issue: 7 2023 Apr 5

Authors Lee YZ,Cheng SH,Chang MY,Lin YF,Wu CC,Tsai YC

Psychobiotic Lactobacillus plantarum JYLP-326 relieves anxiety, depression, and insomnia symptoms in test anxious college via modulating the gut microbiota and its metabolism.**Frontiers in immunology** , Volume: 14 2023

Authors Zhu R,Fang Y,Li H,Liu Y,Wei J,Zhang S,Wang L,Fan R,Wang L,Li S,Chen T

Baseline gut microbiome impacts probiotics Bacillus licheniformis CMCC63516 in modulating the gut microbiome and preventing antibiotic-associated diarrhea: A double-blind, randomized controlled trial.**Clinical and translational medicine** , Volume: 13 Issue: 4 2023 Apr

Authors Zhou Q,Dai W,Bao Y,Chen J,Han X,Liu C,Hou M,Yao H,Hao C,Li S,Zheng Y

Effects of an inulin fiber diet on the gut microbiome, colon, and inflammatory biomarkers in aged mice.**Experimental gerontology** , Volume: 176 2023 Jun 1

Authors Hutchinson NT,Wang SS,Rund LA,Caetano-Silva ME,Allen JM,Johnson RW,Woods JA

Effects of Pomegranate Peel Polyphenols Combined with Inulin on Gut Microbiota and Serum Metabolites of High-Fat-Induced Obesity Rats.**Journal of agricultural and food chemistry** , Volume: 71 Issue: 14 2023 Apr 12

Authors Shi H,Li X,Hou C,Chen L,Zhang Y,Li J

Lactobacillus plantarum ZJ316 alleviates ulcerative colitis by inhibiting inflammation and regulating short-chain fatty acid levels and the gut microbiota in a mouse model.**Food & function** , Volume: 14 Issue: 9 2023 May 11

Authors Gu Q,Xia C,Liu N,Chen Z,Zhou Q,Li P

Antimicrobial and immunoregulatory effects of Lactobacillus delbrueckii 45E against genitourinary pathogens.**Journal of biomedical science** , Volume: 30 Issue: 1 2023 Mar 23

Authors Bnfaga AA,Lee KW,Than LTL,Amin-Nordin S

Ethanol extract of propolis regulates type 2 diabetes in mice via metabolism and gut microbiota.**Journal of ethnopharmacology** , Volume: 310 2023 Jun 28

Authors Guan R,Ma N,Liu G,Wu Q,Su S,Wang J,Geng Y

Effects of fermented soybean meal supplementation on the growth performance and apparent total tract digestibility by modulating the gut microbiome of weaned piglets.**Scientific reports** , Volume: 13 Issue: 1 2023 Mar 6

Authors Muniyappan M,Shanmugam S,Park JH,Han K,Kim IH

Lactobacillus plantarum HF02 alleviates lipid accumulation and intestinal microbiota dysbiosis in high-fat diet-induced obese mice.**Journal of the science of food and agriculture** , Volume: 103 Issue: 9 2023 Jul

Authors Chen H,Zhao H,Qi X,Sun Y,Ma Y,Li Q

Dietary Bacillus licheniformis shapes the foregut microbiota, improving nutrient digestibility and intestinal health in broiler chickens.**Frontiers in microbiology** , Volume: 14 2023

Authors Han Y,Xu X,Wang J,Cai H,Li D,Zhang H,Yang P,Meng K

Identification and characterization of the causative agents of Focal Ulcerative Dermatitis in commercial laying hens.**Frontiers in veterinary science** , Volume: 10 2023

Authors Ayala DI,Grum DS,Evans NP,Russo KN,Kimminau EA,Tribble BR,Lahoti MM,Novak CL,Karnezos TP

Dietary Administration of Black Raspberries and Arsenic Exposure: Changes in the Gut Microbiota and Its Functional Metabolites.**Metabolites** , Volume: 13 Issue: 2 2023 Jan 30

Authors Tu P,Tang Q,Mo Z,Niu H,Hu Y,Wu L,Chen Z,Wang X,Gao B

Dietary Supplementation with Probiotic Bacillus licheniformis S6 Improves Intestinal Integrity via Modulating Intestinal Barrier Function and Microbial Diversity in Weaned Piglets.**Biology** , Volume: 12 Issue: 2 2023 Feb 2

Authors Sun W,Chen W,Meng K,Cai L,Li G,Li X,Jiang X

Efficacy of incremental loads of cow's milk as a treatment for lactose malabsorption in Japan.**World journal of clinical cases** , Volume: 11 Issue: 4 2023 Feb 6

Authors Hasegawa M,Okada K,Nagata S,Sugihara S

[Effects of kiwi fruit \(*Actinidia chinensis*\) polysaccharides on metabolites and gut microbiota of acrylamide-induced mice.](#)

Frontiers in nutrition , Volume: 10 2023

Authors Chen M,Chen X,Wang K,Cai L,Liu N,Zhou D,Jia W,Gong P,Liu N,Sun Y

[Intestinal microbial composition changes induced by *Lactobacillus plantarum* GBL 16, 17 fermented feed and intestinal immune homeostasis regulation in pigs.](#)

Journal of animal science and technology , Volume: 64 Issue: 6 2022 Nov

Authors Yu DY,Oh SH,Kim IS,Kim GI,Kim JA,Moon YS,Jang JC,Lee SS,Jung JH,Park J,Cho KK

[Different gut microbiota in U.S. formula-fed infants consuming a meat vs. dairy-based complementary foods: A randomized controlled trial.](#)

Frontiers in nutrition , Volume: 9 2022

Authors Tang M,Ma C,Weinheimer-Haus EM,Robertson CE,Kofonow JM,Berman LM,Waljee A,Zhu J,Frank DN,Krebs NF

[The Dietary Fermentable Fiber Inulin Alters the Intestinal Microbiome and Improves Chronic Kidney Disease Mineral-Bone Disorder in a Rat Model of CKD.](#)

bioRxiv : the preprint server for biology , 2023 Jan 31

Authors Biruete A,Chen NX,Metzger CE,Srinivasan S,Oâ Neill K,Fallen PB,Fonseca A,Wilson HE,de Loor H,Evenepoel P,Swanson KS,Allen MR,Moe SM

[Moringa oleifera leaf ethanolic extract benefits cashmere goat semen quality via improving rumen microbiota and metabolome.](#)

Frontiers in veterinary science , Volume: 10 2023

Authors Liang J,Wu T,Wang T,Ma Y,Li Y,Zhao S,Guo Y,Liu B

[Taiwanese green propolis ameliorates metabolic syndrome via remodeling of white adipose tissue and modulation of gut microbiota in diet-induced obese mice.](#)

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie , Volume: 160 2023 Apr

Authors Chien YH,Yu YH,Chen YW

[Antimicrobial Activity of Quercetin, Naringenin and Catechin: Flavonoids Inhibit *Staphylococcus aureus*-Induced Hemolysis and Modify Membranes of Bacteria and Erythrocytes.](#)

Molecules (Basel, Switzerland) , Volume: 28 Issue: 3 2023 Jan 27

Authors Veiko AG,Olchowik-Grabarek E,Sekowski S,Roszkowska A,Lapshina EA,Dobrzynska I,Zamaraeva M,Zavodnik IB

[Microbiome Alterations in Alcohol Use Disorder and Alcoholic Liver Disease.](#)

International journal of molecular sciences , Volume: 24 Issue: 3 2023 Jan 27

Authors Litwinowicz K,Gamian A

[Chemical Composition and Antimicrobial Activity of New Honey Varietals.](#)

International journal of environmental research and public health , Volume: 20 Issue: 3 2023 Jan 30

Authors Kunat-Budzynska M,Rysiak A,Wiater A,Graz M,Andrejko M,Budzynski M,Brys MS,Sudzinski M,Tomczyk M,Gancarz M,Rusinek R,Ptaszynska AA

[Lactobacillus casei T1 attenuates *Helicobacter pylori*-induced inflammation and gut microbiota disorders in mice.](#)

BMC microbiology , Volume: 23 Issue: 1 2023 Feb 11

Authors Yu Z,Cao M,Peng J,Wu D,Li S,Wu C,Qing L,Zhang A,Wang W,Huang M,Zhao J

[Inulin supplementation prior to mild traumatic brain injury mitigates gut dysbiosis, and brain vascular and white matter deficits in mice.](#)

Frontiers in microbiomes , Volume: 1 2022

Authors Yanckello LM,Chang YH,Sun M,Chlipala G,Green SJ,Lei Z,Ericsson AC,Xing X,Hammond TC,Bachstetter AD,Lin AL

[Fructooligosaccharides \(FOS\) differentially modifies the in vitro gut microbiota in an age-dependent manner.](#)

Frontiers in nutrition , Volume: 9 2022

Authors Mahalak KK,Firman J,Narrowe AB,Hu W,Jones SM,Bittinger K,Moustafa AM,Liu L

[Comparative study between two different morphological structures based on polylactic acid, nanocellulose and magnetite for co-delivery of fluorouracil and curcumin.](#)

International journal of biological macromolecules , Volume: 230 2023 Mar 1

Authors Bakr EA,Gaber M,Saad DR,Salahuddin N

[Amelioration of cognitive impairment using epigallocatechin-3-gallate in ovariectomized mice fed a high-fat diet involves remodeling with *Prevotella* and *Bifidobacteriales*.](#)

Frontiers in pharmacology , Volume: 13 2022

Authors Qu Y,Wu Y,Cheng W,Wang D,Zeng L,Wang Y,Li T,Zhang L,Yang J,Sun L,Ai J

[Lactobacillus acidophilus \(LA\) Fermenting Astragalus Polysaccharides \(APS\) Improves Calcium Absorption and Osteoporosis by Altering Gut Microbiota.](#)

Foods (Basel, Switzerland) , Volume: 12 Issue: 2 2023 Jan 6

Authors Zhou J,Cheng J,Liu L,Luo J,Peng X

[Antibacterial Effect of 16 Essential Oils and Modulation of mex Efflux Pumps Gene Expression on Multidrug-Resistant](#)

Pseudomonas aeruginosa Clinical Isolates: Is Cinnamon a Good Fighter?**Antibiotics (Basel, Switzerland) , Volume: 12 Issue: 1 2023 Jan 12**

Authors Co?eriu RL,Vintila C,Pribac M,Mare AD,Ciurea CN,Toganel RO,Cighir A,Simion A,Man A

Bacillus amyloliquefaciens 40 regulates piglet performance, antioxidant capacity, immune status and gut microbiota.**Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 12 2023 Mar**

Authors Jiang Z,Su W,Li W,Wen C,Du S,He H,Zhang Y,Gong T,Wang X,Wang Y,Jin M,Lu Z

Cranberry-lingonberry juice affects the gut and urinary microbiome in children - a randomized controlled trial.**APMIS : acta pathologica, microbiologica, et immunologica Scandinavica , Volume: 131 Issue: 3 2023 Mar**

Authors Hakola M,Vehviläinen P,Muotka J,Tejesvi MV,Pokka T,Vähäsarja P,Hanni AM,Renko M,Uhari M,Salo J,Tapiainen T

Inulin intervention attenuates hepatic steatosis in rats via modulating gut microbiota and maintaining intestinal barrier function.**Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan**

Authors Yang Z,Su H,Lv Y,Tao H,Jiang Y,Ni Z,Peng L,Chen X

Enhanced antimicrobial and antioxidant capacity of Thymus vulgaris, Lippia sidoides, and Cymbopogon citratus emulsions when combined with mannosylerythritol a lipid biosurfactant.**Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan**

Authors Zannotto AW,Kanemaru MYS,de Souza FG,Duarte MCT,de Andrade CJ,Pastore GM

Diet-rich in wheat bran modulates tryptophan metabolism and AhR/IL-22 signalling mediated metabolic health and gut dysbacteriosis: A novel prebiotic-like activity of wheat bran.**Food research international (Ottawa, Ont.) , Volume: 163 2023 Jan**

Authors Yan T,Shi L,Liu T,Zhang X,Yang M,Peng W,Sun X,Yan L,Dai X,Yang X

Thyme (Thymus vulgaris L.) polyphenols ameliorate DSS-induced ulcerative colitis of mice by mitigating intestinal barrier damage, regulating gut microbiota, and suppressing TLR4/NF-?B-NLRP3 inflammasome pathways.**Food & function , Volume: 14 Issue: 2 2023 Jan 23**

Authors Zhou Z,He W,Tian H,Zhan P,Liu J

The administration of Enterococcus faecium SF68 counteracts compositional shifts in the gut microbiota of diet-induced obese mice.**Frontiers in microbiology , Volume: 13 2022**

Authors Panattoni A,Calvigioni M,Benvenuti L,D`Antongiovanni V,Pellegrini C,Di Salvo C,Mazzantini D,Celandroni F,Fornai M,Antonioioli L,Ghelardi E

Curcumin loaded gold nanoparticles-chitosan/sodium alginate nanocomposite for nanotheranostic applications.**Journal of biomaterials science. Polymer edition , Volume: 34 Issue: 7 2023 May**

Authors Kolathupalayam Shanmugam B,Rajendran N,Arumugam K,Rangaraj S,Subramani K,Srinivasan S,Nayagam L,Aicher WK,Venkatachalam R

Effects of a Saccharomyces cerevisiae fermentation product on fecal characteristics, metabolite concentrations, and microbiota populations of dogs subjected to exercise challenge.**Journal of animal science , 2022 Dec 27**

Authors Oba PM,Carroll MQ,Sieja KM,Nogueira JPS,Yang X,Epp TY,Warzecha CM,Varney JL,Fowler JW,Coon CN,Swanson KS

Green Tea Catechin EGCG Ameliorates Thioacetamide-Induced Hepatic Encephalopathy in Rats via Modulation of the Microbiota-Gut-Liver Axis.**Molecular nutrition & food research , Volume: 67 Issue: 8 2023 Apr**

Authors Zhou Z,Li K,Guo J,Wang Y,Wei Y,Duan J,Chen M,Shi L,Hu W

Heat-Killed Bifidobacterium bifidum B1628 May Alleviate Dextran Sulfate Sodium-Induced Colitis in Mice, and the Anti-Inflammatory Effect Is Associated with Gut Microbiota Modulation.**Nutrients , Volume: 14 Issue: 24 2022 Dec 8**

Authors Feng C,Zhang W,Zhang T,He Q,Kwok LY,Tan Y,Zhang H

Influence of Dietary Inulin on Fecal Microbiota, Cardiometabolic Risk Factors, Eicosanoids, and Oxidative Stress in Rats Fed a High-Fat Diet.**Foods (Basel, Switzerland) , Volume: 11 Issue: 24 2022 Dec 16**

Authors Miralles-Pérez B,Nogués MR,Sánchez-Martos V,Fortuño-Mar À,Ramos-Romero S,Torres JL,Ponomarenko J,Amézqueta S,Zhang X,Romeu M

Effects of a Specific Pre- and Probiotic Combination and Parent Stock Vaccination on Performance and Bacterial Communities in Broilers Challenged with a Multidrug-Resistant Escherichia coli.**Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 12 2022 Nov 26**

Authors Fuhrmann L,Zentek J,Vahjen W,Günther R,Saliu EM

Galactooligosaccharides ameliorate dietary advanced glycation end product-induced intestinal barrier damage in C57BL/6 mice by modulation of the intestinal microbiome.**Food & function , 2022 Dec 20**

Authors Nie C,Xie X,Liu H,Yuan X,Ma Q,Tu A,Zhang M,Chen Z,Li J

Effects of highland barley β -glucan on blood glucose and gut microbiota in streptozotocin-induced, diabetic, C57BL/6 mice on a high-fat diet.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 107 2023 Mar

Authors Zang Y,Liu J,Zhai A,Wu K,Chuang Y,Ge Y,Wang C

Empire Apple (*Malus domestica*) Juice, Pomace, and Pulp Modulate Intestinal Functionality, Morphology, and Bacterial Populations In Vivo (*Gallus gallus*).

Nutrients , Volume: 14 Issue: 23 2022 Nov 22

Authors Jackson C,Shukla V,Kolba N,Agarwal N,Padilla-Zakour OI,Tako E

[Benefits of Green Tea: Clinical Evidence for Respiratory Tract Infections].

Yakugaku zasshi : Journal of the Pharmaceutical Society of Japan , Volume: 142 Issue: 12 2022

Authors Yamada H

Tea polyphenol and epigallocatechin gallate ameliorate hyperlipidemia via regulating liver metabolism and remodeling gut microbiota.

Food chemistry , Volume: 404 Issue: Pt A 2023 Mar 15

Authors Wen JJ,Li MZ,Chen CH,Hong T,Yang JR,Huang XJ,Geng F,Hu JL,Nie SP

The effects of *Saccharomyces boulardii* on rat colonic hypermotility induced by repeated water avoidance stress and the potential mechanism.

PeerJ , Volume: 10 2022

Authors Liu J,Ren H,Yuan F,Shao M,Luo H

Antibacterial and Antiproliferative Activities of *Azadirachta indica* Leaf Extract and Its Effect on Oil-in-Water Food Emulsion Stability.

Molecules (Basel, Switzerland) , Volume: 27 Issue: 22 2022 Nov 11

Authors Ouerfelli M,Metón I,Codina-Torrella I,Almajano MP

Enterococcus faecium GEFA01 alleviates hypercholesterolemia by promoting reverse cholesterol transportation via modulating the gut microbiota-SCFA axis.

Frontiers in nutrition , Volume: 9 2022

Authors Xu W,Zou K,Zhan Y,Cai Y,Zhang Z,Tao X,Qiu L,Wei H

Investigation of Immunostimulatory Effects of Heat-Treated *Lactiplantibacillus plantarum* LM1004 and Its Underlying Molecular Mechanism.

Food science of animal resources , Volume: 42 Issue: 6 2022 Nov

Authors Bae WY,Jung WH,Shin SL,Kwon S,Sohn M,Kim TR

Lactibacillus casei ATCC334 Ameliorates Radiation-Induced Intestinal Injury in Rats by Targeting Microbes and Metabolites.

Molecular nutrition & food research , Volume: 67 Issue: 1 2023 Jan

Authors Hua Q,Zhang H,Xu R,Tian C,Gao T,Yuan Y,Han Y,Li Y,Qi C,Zhong F,Ma A

Response of gut microbiota and ileal transcriptome to inulin intervention in HFD induced obese mice.

International journal of biological macromolecules , Volume: 225 2023 Jan 15

Authors Zhang H,Zhang Y,Mu T,Cao J,Liu X,Yang X,Ren D,Zhao K

Diets enriched with finely ground wheat bran alter digesta passage rate and composition of the gut microbiome in sows.

Animal nutrition (Zhongguo xu mu shou yi xue hui) , Volume: 12 2023 Mar

Authors Wang Z,Wang W,Xu S,Ding J,Zeng X,Liu H,Wang F

Amination Potentially Augments the Ameliorative Effect of Curcumin on Inhibition of the IL-6/Stat3/c-Myc Pathway and Gut Microbial Modulation in Colitis-Associated Tumorigenesis.

Journal of agricultural and food chemistry , Volume: 70 Issue: 46 2022 Nov 23

Authors Koh YC,Tsai YW,Lee PS,Nagabhushanam K,Ho CT,Pan MH

Neuroprotective Effects of *Bifidobacterium breve* CCFM1067 in MPTP-Induced Mouse Models of Parkinson's Disease.

Nutrients , Volume: 14 Issue: 21 2022 Nov 4

Authors Li T,Chu C,Yu L,Zhai Q,Wang S,Zhao J,Zhang H,Chen W,Tian F

Postbiotics Prepared Using *Lactobacillus paracasei* CCFM1224 Prevent Nonalcoholic Fatty Liver Disease by Modulating the Gut Microbiota and Liver Metabolism.

International journal of molecular sciences , Volume: 23 Issue: 21 2022 Nov 4

Authors Pan Z,Mao B,Zhang Q,Tang X,Yang B,Zhao J,Cui S,Zhang H

Explainable Artificial Intelligence in the Early Diagnosis of Gastrointestinal Disease.

Diagnostics (Basel, Switzerland) , Volume: 12 Issue: 11 2022 Nov 9

Authors Lee KS,Kim ES

Dietary Oregano Essential Oil Supplementation Influences Production Performance and Gut Microbiota in Late-Phase Laying Hens Fed Wheat-Based Diets.

Animals : an open access journal from MDPI , Volume: 12 Issue: 21 2022 Nov 2

Authors Gao F,Zhang L,Li H,Xia F,Bai H,Piao X,Sun Z,Cui H,Shi L

Effects of Proteases from Pineapple and Papaya on Protein Digestive Capacity and Gut Microbiota in Healthy C57BL/6 Mice and Dose-Manner Response on Mucosal Permeability in Human Reconstructed Intestinal 3D Tissue Model.

Metabolites , Volume: 12 Issue: 11 2022 Oct 26

Authors Kostiuhenko O,Kravchenko N,Markus J,Burleigh S,Fedkiv O,Cao L,Letasiova S,Skibo G,Fåk Hållenius F,Prykhodko O

Effect of garlic extract on weight loss and gut microbiota composition in obese women: A double-blind randomized controlled trial.

Frontiers in nutrition , Volume: 9 2022

Authors Ettehad-Marvasti F,Ejtahed HS,Siadat SD,Soroush AR,Hoseini-Tavassol Z,Hasani-Ranjbar S,Larijani B

Structural Insights into Amelioration Effects of Quercetin and Its Glycoside Derivatives on NAFLD in Mice by Modulating the Gut Microbiota and Host Metabolism.

Journal of agricultural and food chemistry , Volume: 70 Issue: 46 2022 Nov 23

Authors Shi Z,Zhang C,Lei H,Chen C,Cao Z,Song Y,Chen G,Wu F,Zhou J,Lu Y,Zhang L

Gut microbiome and metabolome analyses reveal the protective effect of special high-docosaheptaenoic acid tuna oil on d-galactose-induced aging in mice.

Food science & nutrition , Volume: 10 Issue: 11 2022 Nov

Authors Zhang J,Yi C,Han J,Ming T,Zhou J,Lu C,Li Y,Su X

Co-fermented yellow wine lees by Bacillus subtilis and Enterococcus faecium regulates growth performance and gut microbiota in finishing pigs.

Frontiers in microbiology , Volume: 13 2022

Authors Zhang Y,Wang C,Su W,Jiang Z,He H,Gong T,Kai L,Xu H,Wang Y,Lu Z

Flavones interact with fiber to affect fecal bacterial communities in vitro.

Food chemistry , Volume: 404 Issue: Pt B 2023 Mar 15

Authors Loo YT,Howell K,Suleria H,Zhang P,Liu S,Ng K

Cedrol from ginger alleviates rheumatoid arthritis through dynamic regulation of intestinal microenvironment.

Food & function , Volume: 13 Issue: 22 2022 Nov 14

Authors Zhang Y,Liu Y,Peng F,Wei X,Hao H,Li W,Zhao Y

Curcumin alleviates LPS-induced intestinal homeostatic imbalance through reshaping gut microbiota structure and regulating group 3 innate lymphoid cells in chickens.

Food & function , Volume: 13 Issue: 22 2022 Nov 14

Authors Ruan D,Wu S,Fouad AM,Zhu Y,Huang W,Chen Z,Gou Z,Wang Y,Han Y,Yan S,Zheng C,Jiang S

Baseline gut microbial profiles are associated with the efficacy of Bacillus subtilis and Enterococcus faecium in IBS-D.

Scandinavian journal of gastroenterology , Volume: 58 Issue: 4 2023 Apr

Authors Hong G,Li Y,Yang M,Li G,Jin Y,Xiong H,Qian W,Hou X

Effects of iron deficiency and iron supplementation at the host-microbiota interface: Could a piglet model unravel complexities of the underlying mechanisms?

Frontiers in nutrition , Volume: 9 2022

Authors Abbas M,Hayirli Z,Drakesmith H,Andrews SC,Lewis MC

Lactobacillus delbrueckii might lower serum triglyceride levels via colonic microbiota modulation and SCFA-mediated fat metabolism in parenteral tissues of growing-finishing pigs.

Frontiers in veterinary science , Volume: 9 2022

Authors Hou G,Yin J,Wei L,Li R,Peng W,Yuan Y,Huang X,Yin Y

Differential regulation and preventive mechanisms of green tea powder with different quality attributes on high-fat diet-induced obesity in mice.

Frontiers in nutrition , Volume: 9 2022

Authors Wang J,Dong L,Hu JQ,Wang YY,Li A,Peng B,Zhang BW,Liu JM,Wang S

Curcumin encapsulation in self-assembled nanoparticles based on amphiphilic palmitic acid-grafted-quaternized chitosan with enhanced cytotoxic, antimicrobial and antioxidant properties.

International journal of biological macromolecules , Volume: 222 Issue: Pt B 2022 Dec 1

Authors Xie Y,Gong X,Jin Z,Xu W,Zhao K

The effects of peppermint (Mentha piperita L.) and chicory (Cichorium intybus L.) in comparison with a prebiotic on productive performance, blood constituents, immunity and intestinal microflora in broiler chickens.

Animal biotechnology , Volume: 34 Issue: 7 2023 Dec

Authors Tufarelli V,Ghavami N,Nosrati M,Rasouli B,Kadim IT,Suárez Ramírez L,Gorlov I,Slozhenkina M,Mosolov A,Seidavi A,Ayasan T,Laudadio V

[Bifidobacterium bifidum TMC3115 Promotes Early Life Intestinal Microbiota Building to Alleviate Symptoms of Inflammatory Bowel Disease].

Sichuan da xue xue bao. Yi xue ban = Journal of Sichuan University. Medical science edition , Volume: 53 Issue: 5 2022 Sep

Authors Peng CR,Wang YM,Wang SL,Wu SM,Li JX,Cheng RY,He F,Shen X

Dietary supplementation with low and high polymerization inulin ameliorates adipose tissue inflammation via the TLR4/NF- κ B pathway mediated by gut microbiota disturbance in obese dogs.

Research in veterinary science , Volume: 152 2022 Dec 20

Authors Lu J,Zhu D,Lu J,Liu J,Wu Z,Liu L

Role of a probiotic strain in the modulation of gut microbiota and cytokines in inflammatory bowel disease.

Anaerobe , Volume: 78 2022 Dec

Authors Bamola VD,Dubey D,Samanta P,Kedia S,Ahuja V,Madempudi RS,Neelamraju J,Chaudhry R

Synbiotic microencapsulation of Enterococcus faecium Rp1: a potential probiotic isolated from ragi porridge with antiproliferative property against colon carcinoma cell line.

Journal of food science and technology , Volume: 59 Issue: 10 2022 Oct

Authors Ashwanandhini G,Reshma R,Preetha R

Alginate hydrogel with enhanced curcumin release through HP β CD assisted host-guest interaction.

Biomaterials advances , Volume: 141 2022 Oct

Authors Mohammadi A,Sahabi M,Beigi-Boroujeni S,Abdolvand H,Makvandi P,Pournaghshband Isfahani A,Gharibi R,Ebrahimibagha M

Lactobacillus plantarum ST-III modulates abnormal behavior and gut microbiota in a mouse model of autism spectrum disorder.

Physiology & behavior , Volume: 257 2022 Dec 1

Authors Guo M,Li R,Wang Y,Ma S,Zhang Y,Li S,Zhang H,Liu Z,You C,Zheng H

Thymol screening, phenolic contents, antioxidant and antibacterial activities of Iranian populations of Trachyspermum ammi (L.) Sprague (Apiaceae).

Scientific reports , Volume: 12 Issue: 1 2022 Sep 19

Authors Modareskia M,Fattahi M,Mirjalili MH

Synthesis, spectroscopic characterization, density functional theory study, antimicrobial and antioxidant activities of curcumin and alanine-curcumin Schiff base.

Journal of biomolecular structure & dynamics , Volume: 41 Issue: 16 2023 Sep-Oct

Authors Layaida H,Hellal A,Chafai N,Haddadi I,Imene K,Anis B,Mouna E,Bensouici C,Sobhi W,Attoui A,Lilia A

Comprehensive analysis of microbiome, metabolome and transcriptome revealed the mechanisms of Moringa oleifera polysaccharide on preventing ulcerative colitis.

International journal of biological macromolecules , Volume: 222 Issue: Pt A 2022 Dec 1

Authors Tian H,Wen Z,Liu Z,Guo Y,Liu G,Sun B

Impact of Propolis on Escherichia coli and Bacillus subtilis Based on Total DNA, RNA and Protein Levels.

Pakistan journal of biological sciences : PJBS , Volume: 25 Issue: 9 2022 Jan

Authors Nafea EA,Yousef AD,Dereny SHE,Abdel-Hameed KHM,Mahfouz HM,Farghaly DS

Effect of aqueous and organic solvent extraction on in-vitro antimicrobial activity of two varieties of fresh ginger (Zingiber officinale) and garlic (Allium sativum).

Heliyon , Volume: 8 Issue: 9 2022 Sep

Authors Akullo JO,Kiagi B,Nakimbugwe D,Kinyuru J

Formation of cinnamon essential oil/xanthan gum/chitosan composite microcapsules basing on Pickering emulsions.

Colloid and polymer science , Volume: 300 Issue: 10 2022

Authors Li X,Gao Y,Li Y,Li Y,Liu H,Yang Z,Wu H,Hu Y

Antibacterial and antibiofilm activity of Lactobacillus strains secretome and extraction against Escherichia coli isolated from urinary tract infection.

Biotechnology reports (Amsterdam, Netherlands) , Volume: 36 2022 Dec

Authors Soltani N,Abbasi S,Baghaeifar S,Taheri E,Farhoudi Sefidan Jadid M,Emami P,Abolhasani K,Aslanshirzadeh F

Comparing the Effects of Concord Grape (Vitis labrusca L.) Puree, Juice, and Pomace on Intestinal Morphology, Functionality, and Bacterial Populations In Vivo (Gallus gallus).

Nutrients , Volume: 14 Issue: 17 2022 Aug 27

Authors Agarwal N,Shukla V,Kolba N,Jackson C,Cheng J,Padilla-Zakour OI,Tako E

Impact of Clarified Apple Juices with Different Processing Methods on Gut Microbiota and Metabolomics of Rats.

Nutrients , Volume: 14 Issue: 17 2022 Aug 25

Authors Xu L,Yang S,Wang K,Lu A,Wang X,Xu Z

Green tea extract alters gut microbiota and their metabolism of adults with metabolic syndrome in a host-free human colonic model.

Food research international (Ottawa, Ont.) , Volume: 160 2022 Oct

Authors Zhang S,Xu M,Sun X,Shi H,Zhu J

[Protective effect and mechanism of Bifidobacterium bifidum TMC3115 on long-term colitis in mice which exposed to antibiotic in early life].

Wei sheng yan jiu = Journal of hygiene research , Volume: 51 Issue: 4 2022 Jul

Authors Wang S,Peng C,Li J,Cheng R,He F,Yang L,Lu J,Shen X

Milk fat globule membrane supplementation to obese rats during pregnancy and lactation promotes neurodevelopment in offspring via modulating gut microbiota.

Frontiers in nutrition , Volume: 9 2022

Authors Yuan Q,Gong H,Du M,Li T,Mao X

Curcumin-driven reprogramming of the gut microbiota and metabolome ameliorates motor deficits and neuroinflammation in a mouse model of Parkinson's disease.

Frontiers in cellular and infection microbiology , Volume: 12 2022

Authors Cui C,Han Y,Li H,Yu H,Zhang B,Li G

Nano-Microemulsions of CaCO₃-Encapsulated Curcumin Ester Derivatives With High Antioxidant and Antimicrobial Activities and pH Sensitivity.

Frontiers in veterinary science , Volume: 9 2022

Authors Wang L,Wang X,Guo Z,Xia Y,Geng M,Liu D,Zhang Z,Yang Y

Eugenol, A Major Component of Clove Oil, Attenuates Adiposity, and Modulates Gut Microbiota in High-Fat Diet-Fed Mice.

Molecular nutrition & food research , Volume: 66 Issue: 20 2022 Oct

Authors Li M,Zhao Y,Wang Y,Geng R,Fang J,Kang SG,Huang K,Tong T

Effects of artificial honey and epigallocatechin-3-gallate on streptococcus pyogenes.

BMC microbiology , Volume: 22 Issue: 1 2022 Aug 26

Authors Jiang X,Lin A,Li S,Shi Y,Zhou F,Felix Gomez GG,Gregory RL,Zhang C,Chen S,Huang R

Different effects of Bacillus coagulans vegetative cells and spore isolates on constipation-induced gut microbiota dysbiosis in mice.

Food & function , Volume: 13 Issue: 18 2022 Sep 22

Authors Li L,Liu B,Cao J,Zhang H,Tian F,Yu L,Chen W,Zhai Q

Fabrication and Optimization of Essential-Oil-Loaded Nanoemulsion Using Box-Behnken Design against Staphylococcus aureus and Staphylococcus epidermidis Isolated from Oral Cavity.

Pharmaceutics , Volume: 14 Issue: 8 2022 Aug 5

Authors Ullah N,Amin A,Alamoudi RA,Rasheed SA,Alamoudi RA,Nawaz A,Raza M,Nawaz T,Ishtiaq S,Abbas SS

Regulation of a High-Iron Diet on Lipid Metabolism and Gut Microbiota in Mice.

Animals : an open access journal from MDPI , Volume: 12 Issue: 16 2022 Aug 13

Authors Xiong Q,Zhao J,Tian C,Ma W,Miao L,Liang L,Zhang K,Du H

Supplementation of polyphenol-rich grapes attenuates colitis, colitis-associated colon cancer, and disease-associated dysbiosis in mice, but fails to mitigate colitis in antibiotic-treated mice.

The Journal of nutritional biochemistry , Volume: 109 2022 Nov

Authors Zhao Y,Nakatsu C,Jones-Hall Y,Jiang Q

Phytochemical Analysis and Antioxidant, Antibacterial, and Antifungal Effects of Essential Oil of Black Caraway (Nigella sativa L.) Seeds against Drug-Resistant Clinically Pathogenic Microorganisms.

BioMed research international , Volume: 2022 2022

Authors Zouirech O,Alyousef AA,El Barnossi A,El Moussaoui A,Bourhia M,Salamatullah AM,Ouahmane L,Giesy JP,Aboul-Soud MAM,Lyousi B,Derwich E

Modified highland barley regulates lipid metabolism, liver inflammation and gut microbiota in high-fat/cholesterol diet mice as revealed by LC-MS based metabolomics.

Food & function , Volume: 13 Issue: 17 2022 Aug 30

Authors Li X,Du Y,Zhang C,Tu Z,Wang L

Nutritionally rich biochemical profile in essential oil of various Mentha species and their antimicrobial activities.

Protoplasma , Volume: 260 Issue: 2 2023 Mar

Authors Fazal H,Akram M,Ahmad N,Qaisar M,Kanwal F,Rehman G,Ullah I

Early life administration of Bifidobacterium bifidum BD-1 alleviates long-term colitis by remodeling the gut microbiota and promoting intestinal barrier development.

Frontiers in microbiology , Volume: 13 2022

Authors Peng C,Li J,Miao Z,Wang Y,Wu S,Wang Y,Wang S,Cheng R,He F,Shen X

On the effect of flavonoids and dietary fibre in lingonberries on atherosclerotic plaques, lipid profiles and gut microbiota composition in Apoe(-/-) mice.

International journal of food sciences and nutrition , Volume: 73 Issue: 8 2022 Dec

Authors Liu J,Hefni ME,Witthöft CM,Bergström M,Burleigh S,Nyman M,Hållenius F

Oregano Essential Oils Mediated Intestinal Microbiota and Metabolites and Improved Growth Performance and Intestinal Barrier Function in Sheep.

Frontiers in immunology , Volume: 13 2022

Authors Jia L,Wu J,Lei Y,Kong F,Zhang R,Sun J,Wang L,Li Z,Shi J,Wang Y,Wei Y,Zhang K,Lei Z

Bacillus coagulans in Combination with Chitooligosaccharides Regulates Gut Microbiota and Ameliorates the DSS-Induced Colitis in Mice.

Microbiology spectrum , Volume: 10 Issue: 4 2022 Aug 31

Authors Liu Z,Jiang Z,Zhang Z,Liu T,Fan Y,Liu T,Peng N

Dietary Goji Shapes the Gut Microbiota to Prevent the Liver Injury Induced by Acute Alcohol Intake.

Frontiers in nutrition , Volume: 9 2022

Authors Guo L,Guan Q,Duan W,Ren Y,Zhang XJ,Xu HY,Shi JS,Wang FZ,Lu R,Zhang HL,Xu ZH,Li H,Geng Y

Kaempferia parviflora Rhizome Extract as Potential Anti-Acne Ingredient.

Molecules (Basel, Switzerland) , Volume: 27 Issue: 14 2022 Jul 8

Authors Sitthichai P,Chanpirom S,Maneerat T,Charoensup R,Tree-Udom T,Pintathong P,Laphookhieo S,Sripisut T

Antimicrobial Activity of Essential Oils Evaluated In Vitro against Escherichia coli and Staphylococcus aureus.

Antibiotics (Basel, Switzerland) , Volume: 11 Issue: 7 2022 Jul 20

Authors Galgano M,Capozza P,Pellegrini F,Cordisco M,Sposato A,Sblano S,Camero M,Lanave G,Fracchiolla G,Corrente M,Cirone F,Trotta A,Tempesta M,Buonavoglia D,Pratelli A

Antioxidant and Anti-Inflammatory Effects of Thyme (Thymus vulgaris L.) Essential Oils Prepared at Different Plant Phenophases on Pseudomonas aeruginosa LPS-Activated THP-1 Macrophages.

Antioxidants (Basel, Switzerland) , Volume: 11 Issue: 7 2022 Jul 6

Authors Pandur E,Micalizzi G,Mondello L,Horváth A,Sipos K,Horváth G

Inulin-type fructans change the gut microbiota and prevent the development of diabetic nephropathy.

Pharmacological research , Volume: 183 2022 Sep

Authors Luo L,Luo J,Cai Y,Fu M,Li W,Shi L,Liu J,Dong R,Xu X,Tu L,Yang Y

Lactobacillus plantarum Alleviates Obesity by Altering the Composition of the Gut Microbiota in High-Fat Diet-Fed Mice.

Frontiers in nutrition , Volume: 9 2022

Authors Ma Y,Fei Y,Han X,Liu G,Fang J

Liver Transcriptome and Gut Microbiome Analysis Reveals the Effects of High Fructose Corn Syrup in Mice.

Frontiers in nutrition , Volume: 9 2022

Authors Shen Y,Sun Y,Wang X,Xiao Y,Ma L,Lyu W,Zheng Z,Wang W,Li J

Alteration of gut microbiota in high-fat diet-induced obese mice using carnosic acid from rosemary.

Food science & nutrition , Volume: 10 Issue: 7 2022 Jul

Authors He X,Zhang M,Li ST,Li X,Huang Q,Zhang K,Zheng X,Xu XT,Zhao DG,Ma YY

Dietary Eugenol Nanoemulsion Potentiated Performance of Broiler Chickens: Orchestration of Digestive Enzymes, Intestinal Barrier Functions and Cytokines Related Gene Expression With a Consequence of Attenuating the Severity of E. coli 078 Infection.

Frontiers in veterinary science , Volume: 9 2022

Authors Ibrahim D,Eldemery F,Metwally AS,Abd-Allah EM,Mohamed DT,Ismail TA,Hamed TA,Al Sadik GM,Neamat-Allah ANF,Abd El-Hamid MI

Effect of ellagic acid and mesocarp extract of Punica granatum on productive and reproductive performances of laying hens.

Tropical animal health and production , Volume: 54 Issue: 4 2022 Jul 9

Authors Gul H,Geng Z,Habib G,Hayat A,Rehman MU,Khan I

Effects of Oats, Tartary Buckwheat, and Foxtail Millet Supplementation on Lipid Metabolism, Oxido-Inflammatory Responses, Gut Microbiota, and Colonic SCFA Composition in High-Fat Diet Fed Rats.

Nutrients , Volume: 14 Issue: 13 2022 Jul 4

Authors Wang Y,Qi W,Guo X,Song G,Pang S,Fang W,Peng Z

Identification of Nordic Berries with Beneficial Effects on Cognitive Outcomes and Gut Microbiota in High-Fat-Fed Middle-Aged C57BL/6J Mice.

Nutrients , Volume: 14 Issue: 13 2022 Jun 30

Authors Huang F,Marungruang N,Kostiuchenko O,Kravchenko N,Burleigh S,Prykhodko O,Hållén FF,Heyman-Lindén L

Hepatoprotective effect of curcumin against bisphenol A-induced hepatic steatosis via modulating gut microbiota dysbiosis and related gut-liver axis activation in CD-1 mice.

The Journal of nutritional biochemistry , Volume: 109 2022 Nov

Authors Hong T,Jiang X,Zou J,Yang J,Zhang H,Mai H,Ling W,Feng D

A comparative study of antibacterial and antivirulence activities of four selected honeys to Manuka honey.

Iranian journal of microbiology , Volume: 14 Issue: 2 2022 Apr

Authors Al-Kafaween MA,Nagi Al-Jamal HA

The regulatory effect of fermented black barley on the gut microbiota and metabolic dysbiosis in mice exposed to cigarette smoke.

Food research international (Ottawa, Ont.) , Volume: 157 2022 Jul

Authors Zhong L, Qin L, Ding X, Ma L, Wang Y, Liu M, Chen H, Yan H, Song L

Fermented milk of cheese-derived Lactobacillus delbrueckii subsp. bulgaricus displays potentials in alleviating alcohol-induced hepatic injury and gut dysbiosis in mice.

Food research international (Ottawa, Ont.) , Volume: 157 2022 Jul

Authors Liu M, Liu M, Yang S, Shen C, Wang X, Liu W, Guo Y

Regulatory Effect of Lactiplantibacillus plantarum 2-33 on Intestinal Microbiota of Mice With Antibiotic-Associated Diarrhea.

Frontiers in nutrition , Volume: 9 2022

Authors Bao W, He Y, Yu J, Liu M, Yang X, Ta N, Zhang E, Liang C

In-Vitro Antibacterial Activity of Curcumin-Loaded Nanofibers Based on Hyaluronic Acid against Multidrug-Resistant ESKAPE Pathogens.

Pharmaceutics , Volume: 14 Issue: 6 2022 May 31

Authors Snetkov P, Rogacheva E, Kremleva A, Morozkina S, Uspenskaya M, Kraeva L

Bifidobacterium adolescentis Is Effective in Relieving Type 2 Diabetes and May Be Related to Its Dominant Core Genome and Gut Microbiota Modulation Capacity.

Nutrients , Volume: 14 Issue: 12 2022 Jun 15

Authors Qian X, Si Q, Lin G, Zhu M, Lu J, Zhang H, Wang G, Chen W

Antioxidative, Antibacterial and Antiproliferative Properties of Honey Types from the Western Balkans.

Antioxidants (Basel, Switzerland) , Volume: 11 Issue: 6 2022 Jun 6

Authors Sakac M, Jovanov P, Maric A, Cetojevic-Simin D, Novakovic A, Plavšić D, Škrobot D, Kovac R

Comparative Palynological, Physicochemical, Antioxidant and Antibacterial Properties of Romanian Honey Varieties for Biomedical Applications.

Chemistry & biodiversity , Volume: 19 Issue: 8 2022 Aug

Authors Iosageanu A, Mihai E, Prelipcean AM, Anton RE, Utoiu E, Oancea A, Craciunescu O, Cimpean A

Dietary Moringa oleifera leaf powder improves jejunal permeability and digestive function by modulating the microbiota composition and mucosal immunity in heat stressed rabbits.

Environmental science and pollution research international , Volume: 29 Issue: 53 2022 Nov

Authors Khalid AR, Yasoo TB, Zhang Z, Zhu X, Hang S

Lactobacillus plantarum FRT4 alleviated obesity by modulating gut microbiota and liver metabolome in high-fat diet-induced obese mice.

Food & nutrition research , Volume: 66 2022

Authors Cai H, Wen Z, Zhao L, Yu D, Meng K, Yang P

Effect of dietary Bacillus coagulans on the performance and intestinal microbiota of weaned piglets.

Animal : an international journal of animal bioscience , Volume: 16 Issue: 7 2022 Jul

Authors Sun T, Miao H, Zhang C, Wang Y, Liu S, Jiao P, Li W, Li Y, Huang Z

Chemical Profile, Antibacterial and Antioxidant Potential of Zingiber officinale Roscoe and Elettaria cardamomum (L.) Maton Essential Oils and Extracts.

Plants (Basel, Switzerland) , Volume: 11 Issue: 11 2022 May 31

Authors Tarfaoui K, Brhadda N, Ziri R, Oubihi A, Imtara H, Haida S, Al Kamaly OM, Saleh A, Parvez MK, Fettach S, Ouhssine M

In vitro Intervention of Lactobacillus paracasei N1115 Can Alter Fecal Microbiota and Their SCFAs Metabolism of Pregnant Women with Constipation and Diarrhea.

Current microbiology , Volume: 79 Issue: 7 2022 Jun 7

Authors Dang C, Zhao K, Xun Y, Feng L, Zhang D, Cui L, Cui Y, Jia X, Wang S

The Probiotic Lactobacillus paracasei Ameliorates Diarrhea Cause by Escherichia coli O(8) via Gut Microbiota Modulation(1).

Frontiers in nutrition , Volume: 9 2022

Authors Ren S, Wang C, Chen A, Lv W, Gao R

Zingiber officinale and Panax ginseng ameliorate ulcerative colitis in mice via modulating gut microbiota and its metabolites.

Journal of chromatography. B, Analytical technologies in the biomedical and life sciences , Volume: 1203 2022 Jul 1

Authors Wan Y, Yang L, Li H, Ren H, Zhu K, Dong Z, Jiang S, Shang E, Qian D, Duan J

Synergy of Dietary Quercetin and Vitamin E Improves Cecal Microbiota and Its Metabolite Profile in Aged Breeder Hens.

Frontiers in microbiology , Volume: 13 2022

Authors Amevor FK, Cui Z, Du X, Feng J, Shu G, Ning Z, Xu D, Deng X, Song W, Wu Y, Cao X, Wei S, He J, Kong F, Du X, Tian Y, Karikari B, Li D, Wang Y, Zhang Y, Zhu Q, Zhao X

Combination of Houttuynia cordata polysaccharide and Lactiplantibacillus plantarum P101 alleviates acute liver injury by

[regulating gut microbiota in mice.](#)

Journal of the science of food and agriculture , Volume: 102 Issue: 15 2022 Dec

Authors Xu X,Liu S,Zhao Y,Wang M,Hu L,Li W,Xu H

[Quercetin Reduces Inflammation and Protects Gut Microbiota in Broilers.](#)

Molecules (Basel, Switzerland) , Volume: 27 Issue: 10 2022 May 19

Authors Sun L,Guo L,Xu G,Li Z,Appiah MO,Yang L,Lu W

[Lactobacillus acidophilus and HKL Suspension Alleviates Ulcerative Colitis in Rats by Regulating Gut Microbiota, Suppressing TLR9, and Promoting Metabolism.](#)

Frontiers in pharmacology , Volume: 13 2022

Authors Aximujiang K,Kaheman K,Wushouer X,Wu G,Ahemaiti A,Yunusi K

[Characterization of a Novel Antimicrobial Peptide Isolated from Moringa oleifera Seed Protein Hydrolysates and Its Membrane Damaging Effects on Staphylococcus aureus.](#)

Journal of agricultural and food chemistry , Volume: 70 Issue: 20 2022 May 25

Authors Zhao Q,He L,Wang X,Ding X,Li L,Tian Y,Huang A

[Curcumin Supplementation Ameliorates Bile Cholesterol Supersaturation in Hamsters by Modulating Gut Microbiota and Cholesterol Absorption.](#)

Nutrients , Volume: 14 Issue: 9 2022 Apr 27

Authors Hong T,Zou J,Jiang X,Yang J,Cao Z,He Y,Feng D

[Crude Polysaccharide Extracted From Moringa oleifera Leaves Prevents Obesity in Association With Modulating Gut Microbiota in High-Fat Diet-Fed Mice.](#)

Frontiers in nutrition , Volume: 9 2022

Authors Li L,Ma L,Wen Y,Xie J,Yan L,Ji A,Zeng Y,Tian Y,Sheng J

[Pomegranate juice alters the microbiota in breast milk and infant stool: a pilot study.](#)

Food & function , Volume: 13 Issue: 10 2022 May 23

Authors Henning SM,Yang J,Lee RP,Huang J,Thames G,Korn M,Ben-Nissan D,Heber D,Li Z

[The Protective Effects of Inulin-Type Fructans Against High-Fat/Sucrose Diet-Induced Gestational Diabetes Mice in Association With Gut Microbiota Regulation.](#)

Frontiers in microbiology , Volume: 13 2022

Authors Miao M,Wang Q,Wang X,Fan C,Luan T,Yan L,Zhang Y,Zeng X,Dai Y,Li P

[Bacillus amyloliquefaciens SC06 alleviates the obesity of ob/ob mice and improves their intestinal microbiota and bile acid metabolism.](#)

Food & function , Volume: 13 Issue: 9 2022 May 10

Authors Zeng Z,Zhou Y,Xu Y,Wang S,Wang B,Zeng Z,Wang Q,Ye X,Jin L,Yue M,Tang L,Zou P,Zhao P,Li W

[Lactobacillus casei Improve Anti-Tuberculosis Drugs-Induced Intestinal Adverse Reactions in Rat by Modulating Gut Microbiota and Short-Chain Fatty Acids.](#)

Nutrients , Volume: 14 Issue: 8 2022 Apr 17

Authors Li Y,Zhao L,Hou M,Gao T,Sun J,Luo H,Wang F,Zhong F,Ma A,Cai J

[Storage Stability and Consumer Acceptability of Dried Apple: Impact of Citric Acid, Potassium Sorbate and Moringa oleifera Leaf Extract Powder.](#)

Foods (Basel, Switzerland) , Volume: 11 Issue: 7 2022 Mar 28

Authors Arendse W,Jideani V

[Effect of Enterococcus faecium NCIMB 10415 on Gut Barrier Function, Internal Redox State, Proinflammatory Response and Pathogen Inhibition Properties in Porcine Intestinal Epithelial Cells.](#)

Nutrients , Volume: 14 Issue: 7 2022 Apr 2

Authors Palkovicsné Pézsa N,Kovács D,Gálfi P,Rácz B,Farkas O

[Classification of the Occurrence of Dyslipidemia Based on Gut Bacteria Related to Barley Intake.](#)

Frontiers in nutrition , Volume: 9 2022

Authors Maruyama S,Matsuoka T,Hosomi K,Park J,Nishimura M,Murakami H,Konishi K,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Ooka T,Yamagata Z,Kunisawa J

[A novel Lactobacillus bulgaricus isolate can maintain the intestinal health, improve the growth performance and reduce the colonization of E. coli O157:H7 in broilers.](#)

British poultry science , Volume: 63 Issue: 5 2022 Oct

Authors Xiang L,Ying Z,Xue M,Xiaoxian P,Xiaorong L,Chunyang L,Yu W,Mingcheng L,Binxian L

[Lactobacillus paracasei 24 Attenuates Lipid Accumulation in High-Fat Diet-Induced Obese Mice by Regulating the Gut Microbiota.](#)

Journal of agricultural and food chemistry , Volume: 70 Issue: 15 2022 Apr 20

Authors Liu Z,Zhou X,Wang W,Gu L,Hu C,Sun H,Xu C,Hou J,Jiang Z

[Changes in Gut Microbiota by the Lactobacillus casei Anchoring the K88 Fimbrial Protein Prevented Newborn Piglets From](#)

Clinical Diarrhea.**Frontiers in cellular and infection microbiology** , Volume: 12 2022

Authors Qin D,Bai Y,Li Y,Huang Y,Li L,Wang G,Qu Y,Wang J,Yu LY,Hou X

Intestinal Mucosal Immunity-Mediated Modulation of the Gut Microbiome by Oral Delivery of Enterococcus faecium Against Salmonella Enteritidis Pathogenesis in a Laying Hen Model.**Frontiers in immunology** , Volume: 13 2022

Authors Huang S,Rong X,Liu M,Liang Z,Geng Y,Wang X,Zhang J,Ji C,Zhao L,Ma Q

Green Banana Flour Contributes to Gut Microbiota Recovery and Improves Colonic Barrier Integrity in Mice Following Antibiotic Perturbation.**Frontiers in nutrition** , Volume: 9 2022

Authors Li P,Li M,Song Y,Huang X,Wu T,Xu ZZ,Lu H

In vitro evaluation of probiotic properties of lactic acid bacteria isolated from the vagina of yak (Bos grunniens).**PeerJ** , Volume: 10 2022

Authors Zhang Q,Pan Y,Wang M,Sun L,Xi Y,Li M,Zeng Q

Spirulina platensis biomass enhances the proliferation rate of Lactobacillus acidophilus 5 (La-5) and combined with La-5 impact the gut microbiota of medium-age healthy individuals through an in vitro gut microbiome model.**Food research international (Ottawa, Ont.)** , Volume: 154 2022 Apr

Authors Barros de Medeiros VP,Salgaço MK,Pimentel TC,Rodrigues da Silva TC,Sartoratto A,Lima MDS,Sassi CFDC,Mesa V,Magnani M,Sivieri K

Therapeutic Effects of Bifidobacterium breve YH68 in Combination with Vancomycin and Metronidazole in a Primary Clostridioides difficile-Infected Mouse Model.**Microbiology spectrum** , Volume: 10 Issue: 2 2022 Apr 27

Authors Yang J,Meng L,Yang H

Relationships between barley consumption and gut microbiome characteristics in a healthy Japanese population: a cross-sectional study.**BMC nutrition** , Volume: 8 Issue: 1 2022 Mar 14

Authors Matsuoka T,Hosomi K,Park J,Goto Y,Nishimura M,Maruyama S,Murakami H,Konishi K,Miyachi M,Kawashima H,Mizuguchi K,Kobayashi T,Yokomichi H,Kunisawa J,Yamagata Z

Low Dose of Sucralose Alter Gut Microbiome in Mice.**Frontiers in nutrition** , Volume: 9 2022

Authors Zheng Z,Xiao Y,Ma L,Lyu W,Peng H,Wang X,Ren Y,Li J

Effect of Dietary Bacillus licheniformis Supplementation on Growth Performance and Microbiota Diversity of Pekin Ducks.**Frontiers in veterinary science** , Volume: 9 2022

Authors Li L,Lv X,Han X,Sun C,An K,Gao W,Xia Z

Biocomposites of Silk-Elastin and Essential Oil from Mentha piperita Display Antibacterial Activity.**ACS omega** , Volume: 7 Issue: 8 2022 Mar 1

Authors Gomes DS,da Costa A,Pereira AM,Casal M,Machado R

Evaluating the effects of a standardized polyphenol mixture extracted from poplar-type propolis on healthy and diseased human gut microbiota.**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 148 2022 Apr

Authors Garzarella EU,Navajas-Porras B,Pérez-Burillo S,Ullah H,Esposito C,Santarcangelo C,Hinojosa-Nogueira D,Pastoriza S,Zaccaria V,Xiao J,Rufián-Henares JÁ,Daglia M

Effects of Live Combined Bacillus subtilis and Enterococcus faecium on Gut Microbiota Composition in C57BL/6 Mice and in Humans.**Frontiers in cellular and infection microbiology** , Volume: 12 2022

Authors Pi X,Teng W,Fei D,Zhao G,Liu W

Beneficial Effects of Partly Milled Highland Barley on the Prevention of High-Fat Diet-Induced Glycometabolic Disorder and the Modulation of Gut Microbiota in Mice.**Nutrients** , Volume: 14 Issue: 4 2022 Feb 11

Authors Li S,Wang M,Li C,Meng Q,Meng Y,Ying J,Bai S,Shen Q,Xue Y

Ten-Week Sucralose Consumption Induces Gut Dysbiosis and Altered Glucose and Insulin Levels in Healthy Young Adults.**Microorganisms** , Volume: 10 Issue: 2 2022 Feb 14

Authors Méndez-García LA,Bueno-Hernández N,Cid-Soto MA,De León KL,Mendoza-Martínez VM,Espinosa-Flores AJ,Carrero-Aguirre M,Esquivel-Velázquez M,León-Hernández M,Viurcos-Sanabria R,Ruiz-Barranco A,Cota-Arce JM,Álvarez-Lee A,De León-Nava MA,Meléndez G,Escobedo G

Cigarette Smoking and Human Gut Microbiota in Healthy Adults: A Systematic Review.**Biomedicines** , Volume: 10 Issue: 2 2022 Feb 21

Authors Antinozzi M,Giffi M,Sini N,Gallè F,Valeriani F,De Vito C,Liguori G,Romano Spica V,Cattaruzza MS

Correlation between the regulation of intestinal bacteriophages by green tea polyphenols and the flora diversity in SPF mice.

Food & function , Volume: 13 Issue: 5 2022 Mar 7

Authors Dong S,Xin Z,He W,Zhang Y,Xiong J,Wang J,Liao Z,Wang L,Zhong Q,Wei H,Fang X

Curcumin Alleviates Dextran Sulfate Sodium-Induced Colitis in Mice Through Regulating Gut Microbiota.

Molecular nutrition & food research , Volume: 66 Issue: 8 2022 Apr

Authors Guo X,Xu Y,Geng R,Qiu J,He X

Gallic Acid Alleviates Gut Dysfunction and Boosts Immune and Antioxidant Activities in Puppies Under Environmental Stress

Based on Microbiome-Metabolomics Analysis.

Frontiers in immunology , Volume: 12 2021

Authors Yang K,Deng X,Jian S,Zhang M,Wen C,Xin Z,Zhang L,Tong A,Ye S,Liao P,Xiao Z,He S,Zhang F,Deng J,Zhang L,Deng B

Bifidobacterium animalis subsp. lactis BB-12 Has Effect Against Obesity by Regulating Gut Microbiota in Two Phases in Human Microbiota-Associated Rats.

Frontiers in nutrition , Volume: 8 2021

Authors Mao K,Gao J,Wang X,Li X,Geng S,Zhang T,Sadiq FA,Sang Y

Effects of Bacillus amyloliquefaciens TL106 Isolated from Tibetan Pigs on Probiotic Potential and Intestinal Microbes in Weaned Piglets.

Microbiology spectrum , Volume: 10 Issue: 1 2022 Jan 26

Authors Du H,Yao W,Kulyar MF,Ding Y,Zhu H,Pan H,Li K,Bhutta ZA,Liu S,Li J

Bifidobacterium bifidum Shows More Diversified Ways of Relieving Non-Alcoholic Fatty Liver Compared with Bifidobacterium adolescentis.

Biomedicines , Volume: 10 Issue: 1 2021 Dec 31

Authors Wang L,Jiao T,Yu Q,Wang J,Wang L,Wang G,Zhang H,Zhao J,Chen W

Oligosaccharide and Flavanoid Mediated Prebiotic Interventions to Treat Gut Dysbiosis Associated Cognitive Decline.

Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology , Volume: 17 Issue: 1-2 2022 Jun

Authors Sarkar SR,Mazumder PM,Banerjee S

Dietary Supplementation with Goji Berries (Lycium barbarum) Modulates the Microbiota of Digestive Tract and Caecal Metabolites in Rabbits.

Animals : an open access journal from MDPI , Volume: 12 Issue: 1 2022 Jan 5

Authors Cremonesi P,Curone G,Biscarini F,Cotozzolo E,Menchetti L,Riva F,Marongiu ML,Castiglioni B,Barbato O,Munga A,Castrica M,Vigo D,Sulce M,Quattrone A,Agradi S,Brecchia G

Curcumin Supplementation (Meriva®) Modulates Inflammation, Lipid Peroxidation and Gut Microbiota Composition in Chronic Kidney Disease.

Nutrients , Volume: 14 Issue: 1 2022 Jan 5

Authors Pivari F,Mingione A,Piazzini G,Ceccarani C,Ottaviano E,Brasacchio C,Dei Cas M,Vischi M,Cozzolino MG,Fogagnolo P,Riva A,Petrangolini G,Barrea L,Di Renzo L,Borghi E,Signorelli P,Paroni R,Soldati L

Dietary Supplementation with Vitamin D, Fish Oil or Resveratrol Modulates the Gut Microbiome in Inflammatory Bowel Disease.

International journal of molecular sciences , Volume: 23 Issue: 1 2021 Dec 24

Authors Wellington VNA,Sundaram VL,Singh S,Sundaram U

The Prebiotic Effects of Oats on Blood Lipids, Gut Microbiota, and Short-Chain Fatty Acids in Mildly Hypercholesterolemic Subjects Compared With Rice: A Randomized, Controlled Trial.

Frontiers in immunology , Volume: 12 2021

Authors Xu D,Feng M,Chu Y,Wang S,Shete V,Tuohy KM,Liu F,Zhou X,Kamil A,Pan D,Liu H,Yang X,Yang C,Zhu B,Lv N,Xiong Q,Wang X,Sun J,Sun G,Yang Y

Dietary Quercetin Supplementation Attenuates Diarrhea and Intestinal Damage by Regulating Gut Microbiota in Weanling Piglets.

Oxidative medicine and cellular longevity , Volume: 2021 2021

Authors Xu B,Qin W,Xu Y,Yang W,Chen Y,Huang J,Zhao J,Ma L

Crosstalk between gut microbiota and host lipid metabolism in a mouse model of alcoholic liver injury by chronic baijiu or ethanol feeding.

Food & function , Volume: 13 Issue: 2 2022 Jan 24

Authors Fang C,Zhou Q,Liu Q,Jia W,Xu Y

Curcumin β -D-Glucuronide Modulates an Autoimmune Model of Multiple Sclerosis with Altered Gut Microbiota in the Ileum and Feces.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Khadka S,Omura S,Sato F,Nishio K,Takeya H,Tsunoda I

Restoring an adequate dietary fiber intake by inulin supplementation: a pilot study showing an impact on gut microbiota

and sociability in alcohol use disorder patients.

Gut microbes , Volume: 14 Issue: 1 2022 Jan-Dec

Authors Amadiou C, Coste V, Neyrinck AM, Thijssen V, Leyrolle Q, Bindels LB, Piessevaux H, Stärkel P, de Timary P, Delzenne NM, Leclercq S

Effects of Dietary Supplementation With *Bacillus subtilis*, as an Alternative to Antibiotics, on Growth Performance, Serum Immunity, and Intestinal Health in Broiler Chickens.

Frontiers in nutrition , Volume: 8 2021

Authors Qiu K, Li CL, Wang J, Qi GH, Gao J, Zhang HJ, Wu SG

Active Smoking Induces Aberrations in Digestive Tract Microbiota of Rats.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Wang X, Ye P, Fang L, Ge S, Huang F, Polverini PJ, Heng W, Zheng L, Hu Q, Yan F, Wang W

Antibacterial efficacy of different combinations of clove, eucalyptus, ginger, and selected antibiotics against clinical isolates of *Pseudomonas aeruginosa*.

Ayu , Volume: 41 Issue: 2 2020 Apr-Jun

Authors Sagar PK, Sharma P, Singh R

Antiadhesive, antibiofilm and dispersion activity of biosurfactants isolated from *Bacillus amyloliquefaciens* 3/22

Ceska a Slovenska farmacie : casopis Ceske farmaceuticke spolecnosti a Slovenske farmaceuticke spolecnosti , Volume: 70 Issue: 5 2021 Fall

Authors Englerová K, Nemcová R, Bedlovicová Z, Styková E

Correction to "ZnO/Curcumin Nanocomposites for the Enhanced Inhibition of *Pseudomonas aeruginosa* Virulence via LasR-RhlR Quorum Sensing Systems".

Molecular pharmaceutics , 2021 Dec 7

Authors Prateeksha, Rao CV, Das AK, Barik SK, Singh BN

Fructooligosaccharides Increase in Plasma Concentration of (-)-Epigallocatechin-3-Gallate in Rats.

Journal of agricultural and food chemistry , Volume: 69 Issue: 49 2021 Dec 15

Authors Unno T, Araki Y, Inagaki S, Kobayashi M, Ichitani M, Takiyama T, Kinugasa H

Bacillus subtilis Attenuates Hepatic and Intestinal Injuries and Modulates Gut Microbiota and Gene Expression Profiles in Mice Infected with *Schistosoma japonicum*.

Frontiers in cell and developmental biology , Volume: 9 2021

Authors Lin D, Song Q, Zhang Y, Liu J, Chen F, Du S, Xiang S, Wang L, Wu X, Sun X

Regulatory Effect of Resveratrol on Inflammation Induced by Lipopolysaccharides via Reprogramming Intestinal Microbes and Ameliorating Serum Metabolism Profiles.

Frontiers in immunology , Volume: 12 2021

Authors Ding S, Jiang H, Fang J, Liu G

Potential effects of Saudi Shaoka (*Fagonia bruguieri*) honey against multi-drug-resistant bacteria and cancer cells in comparison to Manuka honey.

Saudi journal of biological sciences , Volume: 28 Issue: 12 2021 Dec

Authors Halawani EM

Multidimensional exploration of essential oils generated via eight oregano cultivars: Compositions, chemodiversities, and antibacterial capacities.

Food chemistry , Volume: 374 2022 Apr 16

Authors Hao Y, Kang J, Yang R, Li H, Cui H, Bai H, Tsitsilin A, Li J, Shi L

Polydextrose with and without *Bifidobacterium animalis* ssp. *lactis* 420 drives the prevalence of *Akkermansia* and improves liver health in a multi-compartmental obesogenic mice study.

PloS one , Volume: 16 Issue: 12 2021

Authors Yde CC, Jensen HM, Christensen N, Servant F, Lelouvier B, Lahtinen S, Stenman LK, Airaksinen K, Kailanto HM

Gut microbiome and metabolome in a non-human primate model of chronic excessive alcohol drinking.

Translational psychiatry , Volume: 11 Issue: 1 2021 Dec 1

Authors Piacentino D, Grant-Beurmann S, Vizioli C, Li X, Moore CF, Ruiz-Rodado V, Lee MR, Joseph PV, Fraser CM, Weerts EM, Leggio L

A Pilot Study of the Effect of *Lactobacillus casei* Obtained from Long-Lived Elderly on Blood Biochemical, Oxidative, and Inflammatory Markers, and on Gut Microbiota in Young Volunteers.

Nutrients , Volume: 13 Issue: 11 2021 Oct 29

Authors Mei LH, Zheng WX, Zhao ZT, Meng N, Zhang QR, Zhu WJ, Li RD, Liang XL, Li QY

Impacts of Cigarette Smoking Status on Metabolomic and Gut Microbiota Profile in Male Patients With Coronary Artery Disease: A Multi-Omics Study.

Frontiers in cardiovascular medicine , Volume: 8 2021

Authors Hu X, Fan Y, Li H, Zhou R, Zhao X, Sun Y, Zhang S

Lactobacillus casei ATCC 393 and it's metabolites alleviate dextran sulphate sodium-induced ulcerative colitis in mice through the NLRP3(Caspase-1)/IL-1 β pathway.

Food & function , Volume: 12 Issue: 23 2021 Nov 29

Authors Dou X,Qiao L,Chang J,Yan S,Song X,Chen Y,Xu Q,Xu C

Antimicrobial, immunological and biochemical effects of florfenicol and garlic (*Allium sativum*) on rabbits infected with *Escherichia coli* serotype O55: H7.

Veterinary research communications , 2021 Nov 10

Authors Farag VM,El-Shafei RA,Ekenany RM,Ali HS,Eladi AH

Evaluation of the therapeutic effect and dose-effect of *Bifidobacterium breve* on the primary *Clostridioides difficile* infected mice.

Applied microbiology and biotechnology , Volume: 105 Issue: 24 2021 Dec

Authors Yang J,Yang H

Dietary supplementation of gingerols- and shogaols-enriched ginger root extract attenuate pain-associated behaviors while modulating gut microbiota and metabolites in rats with spinal nerve ligation.

The Journal of nutritional biochemistry , 2021 Nov 5

Authors Shen CL,Wang R, Ji G,Elmassry MM,Zabet-Moghaddam M,Vellers H,Hamood AN,Gong X,Mirzaei P,Sang S,Neugebauer V

Protective Effects of *Bacillus amyloliquefaciens* 40 Against *Clostridium perfringens* Infection in Mice.

Frontiers in nutrition , Volume: 8 2021

Authors Jiang Z,Li W,Su W,Wen C,Gong T,Zhang Y,Wang Y,Jin M,Lu Z

Chitooligosaccharides: Digestion characterization and effect of the degree of polymerization on gut microorganisms to manage the metabolome functional diversity in vitro.

Carbohydrate polymers , Volume: 275 2022 Jan 1

Authors Ji X,Zhu L,Chang K,Zhang R,Chen Y,Yin H,Jin J,Zhao L

Combined effect of carvacrol, thymol and nisin against *Staphylococcus aureus* and *Salmonella Enteritidis*.

Anais da Academia Brasileira de Ciencias , Volume: 93 Issue: suppl 4 2021

Authors Heckler C,Sant`anna V,Brandelli A,Malheiros PS

Lactobacillus plantarum CCFM1143 Alleviates Chronic Diarrhea via Inflammation Regulation and Gut Microbiota Modulation: A Double-Blind, Randomized, Placebo-Controlled Study.

Frontiers in immunology , Volume: 12 2021

Authors Yang B,Yue Y,Chen Y,Ding M,Li B,Wang L,Wang Q,Stanton C,Ross RP,Zhao J,Zhang H,Chen W

Cinnamaldehyde Promotes the Intestinal Barrier Functions and Reshapes Gut Microbiome in Early Weaned Rats.

Frontiers in nutrition , Volume: 8 2021

Authors Qi L,Mao H,Lu X,Shi T,Wang J

Alleviation Effects of *Bifidobacterium animalis* subsp. *lactis* XLTG11 on Dextran Sulfate Sodium-Induced Colitis in Mice.

Microorganisms , Volume: 9 Issue: 10 2021 Oct 3

Authors Wang N,Wang S,Xu B,Liu F,Huo G,Li B

Supplementation with *Lactiplantibacillus plantarum* IMC 510 Modifies Microbiota Composition and Prevents Body Weight Gain Induced by Cafeteria Diet in Rats.

International journal of molecular sciences , Volume: 22 Issue: 20 2021 Oct 16

Authors Micioni Di Bonaventura MV,Coman MM,Tomassoni D,Micioni Di Bonaventura E,Botticelli L,Gabrielli MG,Rossolini GM,Di Pilato V,Cecchini C,Amedei A,Silvi S,Verdenelli MC,Cifani C

Alterations in Faecal Microbiota and Elevated Levels of Intestinal IgA Following Oral Administration of *Lactocaseibacillus casei* in mice.

Probiotics and antimicrobial proteins , Volume: 15 Issue: 3 2023 Jun

Authors Aindelis G,Ypsilantis P,Chlichlia K

Positive Synergistic Effects of Quercetin and Rice Bran on Human Gut Microbiota Reduces *Enterobacteriaceae* Family Abundance and Elevates Propionate in a Bioreactor Model.

Frontiers in microbiology , Volume: 12 2021

Authors Ghimire S,Wongkuna S,Sankaranarayanan R,Ryan EP,Bhat GJ,Scaria J

Influence of Diet on the Effect of the Probiotic *Lactobacillus paracasei* in Rats Suffering From Allergic Asthma.

Frontiers in microbiology , Volume: 12 2021

Authors Xie A,Song J,Lu S,Liu Y,Tang L,Wen S

Gut microbiota mediates the effects of inulin on enhancing sulfomucin production and mucosal barrier function in a pig model.

Food & function , Volume: 12 Issue: 21 2021 Nov 1

Authors Xia B,Wu W,Zhang L,Wen X,Xie J,Zhang H

In vitro digestibility and prebiotic activities of a bioactive polysaccharide from *Moringa oleifera* leaves.

Journal of food biochemistry , Volume: 45 Issue: 11 2021 Nov

Authors Li C,Zhou S,Fu X,Huang Q,Chen Q

Adjunctive Probiotics Alleviates Asthmatic Symptoms via Modulating the Gut Microbiome and Serum Metabolome.

Microbiology spectrum , 2021 Oct 6

Authors Liu A,Ma T,Xu N,Jin H,Zhao F,Kwok LY,Zhang H,Zhang S,Sun Z

Treatment with a spore-based probiotic containing five strains of Bacillus induced changes in the metabolic activity and community composition of the gut microbiota in a SHIME® model of the human gastrointestinal system.

Food research international (Ottawa, Ont.) , Volume: 149 2021 Nov

Authors Marzorati M, Van den Abbeele P, Bubeck S, Bayne T, Krishnan K, Young A

Early-life polyphenol intake promotes Akkermansia growth and increase of host goblet cells in association with the potential synergistic effect of Lactobacillus.

Food research international (Ottawa, Ont.) , Volume: 149 2021 Nov

Authors Lu F, Li Y, Wang X, Hu X, Liao X, Zhang Y

Oral iron supplementation after antibiotic exposure induces a deleterious recovery of the gut microbiota.

BMC microbiology , Volume: 21 Issue: 1 2021 Sep 28

Authors Cuisiniere T, Calvé A, Fragoso G, Olierio M, Hajjar R, Gonzalez E, Santos MM

Bacillus pumilus and Bacillus subtilis Promote Early Maturation of Cecal Microbiota in Broiler Chickens.

Microorganisms , Volume: 9 Issue: 9 2021 Sep 7

Authors Bilal M, Achard C, Barbe F, Chevaux E, Ronholm J, Zhao X

Intake of Koji Amazake Improves Defecation Frequency in Healthy Adults.

Journal of fungi (Basel, Switzerland) , Volume: 7 Issue: 9 2021 Sep 21

Authors Kurahashi A, Enomoto T, Oguro Y, Kojima-Nakamura A, Kodaira K, Watanabe K, Ozaki N, Goto H, Hirayama M

The Prebiotic Potential of Inulin-type Fructans: A Systematic Review.

Advances in nutrition (Bethesda, Md.) , 2021 Sep 23

Authors Hughes RL, Alvarado DA, Swanson KS, Holscher HD

Crosstalk among intestinal barrier, gut microbiota and serum metabolome after a polyphenol-rich diet in older subjects with "leaky gut": The MaPLE trial.

Clinical nutrition (Edinburgh, Scotland) , Volume: 40 Issue: 10 2021 Oct

Authors Peron G, Gargari G, Meroño T, Miñarro A, Lozano EV, Escuder PC, González-Domínguez R, Hidalgo-Liberona N, Del Bo' C, Bernardi S, Kroon PA, Carrieri B, Cherubini A, Riso P, Guglielmetti S, Andrés-Lacueva C

Selenium-Enriched Lactobacillus acidophilus Ameliorates Dextran Sulfate Sodium-Induced Chronic Colitis in Mice by Regulating Inflammatory Cytokines and Intestinal Microbiota.

Frontiers in medicine , Volume: 8 2021

Authors Wu Z, Pan D, Jiang M, Sang L, Chang B

Pomegranate fruit pulp polyphenols reduce diet-induced obesity with modulation of gut microbiota in mice.

Journal of the science of food and agriculture , Volume: 102 Issue: 5 2022 Mar 30

Authors Song H, Shen X, Chu Q, Zheng X

Lactocaseibacillus paracasei NK112 mitigates Escherichia coli-induced depression and cognitive impairment in mice by regulating IL-6 expression and gut microbiota.

Beneficial microbes , 2021 Sep 13

Authors Yun SW, Kim JK, Han MJ, Kim DH

Gut microbiota from green tea polyphenol-dosed mice improves intestinal epithelial homeostasis and ameliorates experimental colitis.

Microbiome , Volume: 9 Issue: 1 2021 Sep 7

Authors Wu Z, Huang S, Li T, Li N, Han D, Zhang B, Xu ZZ, Zhang S, Pang J, Wang S, Zhang G, Zhao J, Wang J

Inulin-type prebiotics reduce serum uric acid levels via gut microbiota modulation: a randomized, controlled crossover trial in peritoneal dialysis patients.

European journal of nutrition , Volume: 61 Issue: 2 2022 Mar

Authors He S, Xiong Q, Tian C, Li L, Zhao J, Lin X, Guo X, He Y, Liang W, Zuo X, Ying C

Effects of Dietary Supplementation of Lactobacillus delbrueckii on Gut Microbiome and Intestinal Morphology in Weaned Piglets.

Frontiers in veterinary science , Volume: 8 2021

Authors Wang XL, Liu ZY, Li YH, Yang LY, Yin J, He JH, Hou DX, Liu YL, Huang XG

Systematic Review of the Effects of Oat Intake on Gastrointestinal Health.

The Journal of nutrition , 2021 Sep 6

Authors Valido E, Stoyanov J, Bertolo A, Hertig-Godeschalk A, Zeh RM, Flueck JL, Minder B, Stojic S, Metzger B, Bussler W, Muka T, Kern H, Glisic M

Quercetin modulates the gut microbiota as well as the metabolome in a rat model of osteoarthritis.

Bioengineered , Volume: 12 Issue: 1 2021 Dec

Authors Lan H,Hong W,Qian D,Peng F,Li H,Liang C,Du M,Gu J,Mai J,Bai B,Peng G

Lactobacillus paracasei S16 Alleviates Lumbar Disc Herniation by Modulating Inflammation Response and Gut Microbiota.

Frontiers in nutrition , Volume: 8 2021

Authors Wang Z,Wu H,Chen Y,Chen H,Wang X,Yuan W

The Protection of Lactiplantibacillus plantarum CCFM8661 Against Benzopyrene-Induced Toxicity via Regulation of the Gut Microbiota.

Frontiers in immunology , Volume: 12 2021

Authors Yu L,Zhang L,Duan H,Zhao R,Xiao Y,Guo M,Zhao J,Zhang H,Chen W,Tian F

A Novel Sprouted Oat Fermented Beverage: Evaluation of Safety and Health Benefits for Celiac Individuals.

Nutrients , Volume: 13 Issue: 8 2021 Jul 23

Authors Aparicio-García N,Martínez-Villaluenga C,Frias J,Crespo Perez L,Fernández CF,Alba C,Rodríguez JM,Peñas E

Quercetin Ameliorates Insulin Resistance and Restores Gut Microbiome in Mice on High-Fat Diets.

Antioxidants (Basel, Switzerland) , Volume: 10 Issue: 8 2021 Aug 5

Authors Tan Y,Tam CC,Rolston M,Alves P,Chen L,Meng S,Hong H,Chang SKC,Yokoyama W

Dietary Inulin Regulated Gut Microbiota and Improved Neonatal Health in a Pregnant Sow Model.

Frontiers in nutrition , Volume: 8 2021

Authors Li H,Ma L,Zhang L,Liu N,Li Z,Zhang F,Liu X,Ma X

Regulatory effects of Lactobacillus fermented black barley on intestinal microbiota of NAFLD rats.

Food research international (Ottawa, Ont.) , Volume: 147 2021 Sep

Authors Zhu C,Guan Q,Song C,Zhong L,Ding X,Zeng H,Nie P,Song L

Effects of dietary rosemary extract supplementation on growth performance, nutrient digestibility, antioxidant capacity, intestinal morphology, and microbiota of weaning pigs.

Journal of animal science , Volume: 99 Issue: 9 2021 Sep 1

Authors Yang M,Yin Y,Wang F,Bao X,Long L,Tan B,Yin Y,Chen J

Effects of Smoking on Inflammatory Markers in a Healthy Population as Analyzed via the Gut Microbiota.

Frontiers in cellular and infection microbiology , Volume: 11 2021

Authors Yan S,Ma Z,Jiao M,Wang Y,Li A,Ding S

Prebiotic fructans have greater impact on luminal microbiology and CD3+ T cells in healthy siblings than patients with Crohn`s disease: A pilot study investigating the potential for primary prevention of inflammatory bowel disease.

Clinical nutrition (Edinburgh, Scotland) , Volume: 40 Issue: 8 2021 Jun 23

Authors Hedin CR,McCarthy NE,Louis P,Farquharson FM,McCartney S,Stagg AJ,Lindsay JO,Whelan K

Assessment of Lactobacillus casei rhamnosus (LGG) therapy in children with biliary atresia - Randomized placebo controlled trial.

Clinics and research in hepatology and gastroenterology , Volume: 45 Issue: 6 2021 Nov

Authors Orlowska E,Czubkowski P,Wolochowska K,Jarzebicka D,Motyl I,Socha P

Lactobacillus casei LC89 exerts antidiabetic effects through regulating hepatic glucagon response and gut microbiota in type 2 diabetic mice.

Food & function , Volume: 12 Issue: 18 2021 Sep 20

Authors Zhang Y,Wu T,Li W,Zhao Y,Long H,Liu R,Sui W,Zhang M

Microencapsulated and Lyophilized Lactobacillus acidophilus Improved Gut Health and Immune Status of Preruminant Calves.

Probiotics and antimicrobial proteins , Volume: 14 Issue: 3 2022 Jun

Authors Kumar M,Kala A,Chaudhary LC,Agarwal N,Kochewad SA

The construction of recombinant Lactobacillus casei expressing hemagglutinin-neuraminidase protein and its immune response in chickens.

Microbial pathogenesis , Volume: 158 2021 Sep

Authors Ju A,Duan A,Zhang Y,Qin Y,Xue L,Ma X,Luan W,Yang S

Dietary Supplementation with Inulin Modulates the Gut Microbiota and Improves Insulin Sensitivity in Prediabetes.

International journal of endocrinology , Volume: 2021 2021

Authors Wang X,Wang T,Zhang Q,Xu L,Xiao X

Cranberry (Vaccinium macrocarpon) dietary supplementation and fecal microbiota of Wistar rats.

AIMS microbiology , Volume: 7 Issue: 2 2021

Authors Chettaoui R,Mayot G,De Almeida L,Di Martino P

Promiscuous Pseudomonas: Uptake of Non-Endogenous Ligands for Iron Acquisition.

Tetrahedron letters , Volume: 75 2021 Jul 6

Authors Kaplan AR,Wuest WM

Punicic acid ameliorates obesity and liver steatosis by regulating gut microbiota composition in mice.

Food & function , 2021 Jul 9

Authors Yuan G,Tan M,Chen X

Flavonoids from Whole-Grain Oat Alleviated High-Fat Diet-Induced Hyperlipidemia via Regulating Bile Acid Metabolism and Gut Microbiota in Mice.

Journal of agricultural and food chemistry , Volume: 69 Issue: 27 2021 Jul 14

Authors Duan R,Guan X,Huang K,Zhang Y,Li S,Xia J,Shen M

Evaluation of the Cholesterol-Lowering Mechanism of Enterococcus faecium Strain 132 and Lactobacillus paracasei Strain 201 in Hypercholesterolemia Rats.

Nutrients , Volume: 13 Issue: 6 2021 Jun 9

Authors Yang L,Xie X,Li Y,Wu L,Fan C,Liang T,Xi Y,Yang S,Li H,Zhang J,Ding Y,Xue L,Chen M,Wang J,Wu Q

Microbiota and Metabolite Modifications after Dietary Exclusion of Dairy Products and Reduced Consumption of Fermented Food in Young and Older Men.

Nutrients , Volume: 13 Issue: 6 2021 Jun 1

Authors Kim J,Burton-Pimentel KJ,Fleuti C,Blaser C,Scherz V,Badertscher R,Marmonier C,Lyon-Belgy N,Caille A,Pidou V,Blot A,Bertelli C,David J,Bütikofer U,Greub G,Dardevet D,Polakof S,Vergères G

Effects of Wine and Its Microbial-Derived Metabolites on Intestinal Permeability Using Simulated Gastrointestinal Digestion/Colonic Fermentation and Caco-2 Intestinal Cell Models.

Microorganisms , Volume: 9 Issue: 7 2021 Jun 24

Authors Zorraquín-Peña I,Taladrí D,Tamargo A,Silva M,Molinero N,de Llano DG,Bartolomé B,Moreno-Arribas MV

Concentrated Raw Fibers Enhance the Fiber-Degrading Capacity of a Synthetic Human Gut Microbiome.

International journal of molecular sciences , Volume: 22 Issue: 13 2021 Jun 25

Authors Steimle A,Neumann M,Grant ET,Turner JD,Desai MS

Mint Oils: In Vitro Ability to Perform Anti-Inflammatory, Antioxidant, and Antimicrobial Activities and to Enhance Intestinal Barrier Integrity.

Antioxidants (Basel, Switzerland) , Volume: 10 Issue: 7 2021 Jun 23

Authors Hejna M,Kovanda L,Rossi L,Liu Y

Imbalanced dietary intake alters the colonic microbial profile in growing rats.

PloS one , Volume: 16 Issue: 6 2021

Authors Jung TH,Han KS

Dietary turmeric (Curcuma longa L.) supplementation improves growth performance, short-chain fatty acid production, and modulates bacterial composition of weaned piglets.

Journal of animal science and technology , Volume: 63 Issue: 3 2021 May

Authors Recharla N,Balasubramanian B,Song M,Puligundla P,Kim SK,Jeong JY,Park S

Curcumin modulates gut microbiota and improves renal function in rats with uric acid nephropathy.

Renal failure , Volume: 43 Issue: 1 2021 Dec

Authors Xu X,Wang H,Guo D,Man X,Liu J,Li J,Luo C,Zhang M,Zhen L,Liu X

Protective effect of Bifidobacterium bifidum FSDJN705 and Bifidobacterium breve FHNFQ23M3 on diarrhea caused by enterotoxigenic Escherichia coli.

Food & function , Volume: 12 Issue: 16 2021 Aug 21

Authors Yang B ,Huang Z ,He Z ,Yue Y ,Zhou Y ,Ross RP ,Stanton C ,Zhang H ,Zhao J ,Chen W

Effects of Bacillus amyloliquefaciens Instead of Antibiotics on Growth Performance, Intestinal Health, and Intestinal Microbiota of Broilers.

Frontiers in veterinary science , Volume: 8 2021

Authors Wang B,Zhou Y,Tang L,Zeng Z,Gong L,Wu Y,Li WF

Lactic acid production ability of Lactobacillus sp. from four tropical fruits using their by-products as carbon source.

Heliyon , Volume: 7 Issue: 5 2021 May

Authors Ngouénam JR,Momo Kenfack CH,Foko Kouam EM,Kaktcham PM,Maharjan R,Ngoufack FZ

Lactobacillus acidophilus LA14 Alleviates Liver Injury.

mSystems , Volume: 6 Issue: 3 2021 Jun 29

Authors Lv L,Yao C,Yan R,Jiang H,Wang Q,Wang K,Ren S,Jiang S,Xia J,Li S,Yu Y

Effect of Dietary Inulin Supplementation on the Gut Microbiota Composition and Derived Metabolites of Individuals Undergoing Hemodialysis: A Pilot Study.

Journal of renal nutrition : the official journal of the Council on Renal Nutrition of the National Kidney Foundation , 2021 Jun 11

Authors Biruete A,Cross TL,Allen JM,Kistler BM,de Loor H,Evenepoel P,Fahey GC Jr,Bauer L,Swanson KS,Wilund KR

Lactobacillus paracasei modulates the gut microbiota and improves inflammation in type 2 diabetic rats.

Food & function , 2021 Jun 11

Authors Zeng Z,Guo X,Zhang J,Yuan Q,Chen S

Resveratrol and its derivative pterostilbene ameliorate intestine injury in intrauterine growth-retarded weanling piglets by

[modulating redox status and gut microbiota.](#)

Journal of animal science and biotechnology , Volume: 12 Issue: 1 2021 Jun 10

Authors Chen Y,Zhang H,Chen Y,Jia P,Ji S,Zhang Y,Wang T

[Lactobacillus casei CCFM1074 Alleviates Collagen-Induced Arthritis in Rats via Balancing Treg/Th17 and Modulating the Metabolites and Gut Microbiota.](#)

Frontiers in immunology , Volume: 12 2021

Authors Fan Z,Ross RP,Stanton C,Hou B,Zhao J,Zhang H,Yang B,Chen W

[Modulatory Effects of *Bacillus subtilis* on the Performance, Morphology, Cecal Microbiota and Gut Barrier Function of Laying Hens.](#)

Animals : an open access journal from MDPI , Volume: 11 Issue: 6 2021 May 24

Authors Zhang G,Wang H,Zhang J,Tang X,Raheem A,Wang M,Lin W,Liang L,Qi Y,Zhu Y,Jia Y,Cui S,Qin T

[Effect of BioPlus YC Probiotic Supplementation on Gut Microbiota, Production Performance, Carcass and Meat Quality of Pigs.](#)

Animals : an open access journal from MDPI , Volume: 11 Issue: 6 2021 May 28

Authors Rybarczyk A,Boguslawska-Was E,Dlubala A

[Gut Microbiota Induced by Pterostilbene and Resveratrol in High-Fat-High-Fructose Fed Rats: Putative Role in Steatohepatitis Onset.](#)

Nutrients , Volume: 13 Issue: 5 2021 May 20

Authors Milton-Laskibar I,Marcos-Zambrano LJ,Gómez-Zorita S,Fernández-Quintela A,Carrillo de Santa Pau E,Martínez JA,Portillo MP

[Artificial Sweeteners Negatively Regulate Pathogenic Characteristics of Two Model Gut Bacteria, *E. coli* and *E. faecalis*.](#)

International journal of molecular sciences , Volume: 22 Issue: 10 2021 May 15

Authors Shil A,Chichger H

[Preparation and photodynamic bactericidal effects of curcumin- \$\beta\$ -cyclodextrin complex.](#)

Food chemistry , Volume: 361 2021 Nov 1

Authors Lai D,Zhou A,Tan BK,Tang Y,Sarah Hamzah S,Zhang Z,Lin S,Hu J

[A diet high in sugar and fat influences neurotransmitter metabolism and then affects brain function by altering the gut microbiota.](#)

Translational psychiatry , Volume: 11 Issue: 1 2021 May 27

Authors Guo Y,Zhu X,Zeng M,Qi L,Tang X,Wang D,Zhang M,Xie Y,Li H,Yang X,Chen D

[Cigarette smoking status alters dysbiotic gut microbes in hypertensive patients.](#)

Journal of clinical hypertension (Greenwich, Conn.) , Volume: 23 Issue: 7 2021 Jul

Authors Wang P,Dong Y,Jiao J,Zuo K,Han C,Zhao L,Ding S,Yang X,Chen M,Li J

[Tobacco Smoking and the Fecal Microbiome in a Large, Multi-ethnic Cohort.](#)

Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology , Volume: 30 Issue: 7 2021 Jul

Authors Prakash A,Peters BA,Cobbs E,Beggs D,Choi H,Li H,Hayes RB,Ahn J

[Curcumin alleviates high-fat diet-induced hepatic steatosis and obesity in association with modulation of gut microbiota in mice.](#)

Food research international (Ottawa, Ont.) , Volume: 143 2021 May

Authors Li S,You J,Wang Z,Liu Y,Wang B,Du M,Zou T

[Assessment of antibacterial and antifungal potential of *Curcuma longa* and synthesized nanoparticles: A comparative study.](#)

Journal of basic microbiology , Volume: 61 Issue: 7 2021 Jul

Authors Khan MA,Moghul NB,Butt MA,Kiyani MM,Zafar I,Bukhari AI

[Extract of neem \(*Azadirachta indica*\) leaf exhibits bactericidal effect against multidrug resistant pathogenic bacteria of poultry.](#)

Veterinary medicine and science , 2021 May 6

Authors Ali E,Islam MS,Hossen MI,Khatun MM,Islam MA

[Porphyrin-derived oligosaccharides alleviate NAFLD and related cecal microbiota dysbiosis in mice.](#)

FASEB journal : official publication of the Federation of American Societies for Experimental Biology , Volume: 35 Issue: 6 2021 Jun

Authors Wang X,Liu D,Wang Z,Cai C,Jiang H,Yu G

[Aspergillus oryzae and Aspergillus niger Co-Cultivation Extract Affects In Vitro Degradation, Fermentation Characteristics, and Bacterial Composition in a Diet-Specific Manner.](#)

Animals : an open access journal from MDPI , Volume: 11 Issue: 5 2021 Apr 26

Authors Kong F,Lu N,Liu Y,Zhang S,Jiang H,Wang H,Wang W,Li S

[Effect of Fermented Products Produced by *Bacillus licheniformis* on the Growth Performance and Cecal Microbial](#)

Community of Broilers under Coccidial Challenge.**Animals : an open access journal from MDPI , Volume: 11 Issue: 5 2021 Apr 26**

Authors Cheng YH,Hong YB,Chen WJ,Hua KF,Dybus A,Yu YH

Lactobacillus Sps in Reducing the Risk of Diabetes in High-Fat Diet-Induced Diabetic Mice by Modulating the Gut Microbiome and Inhibiting Key Digestive Enzymes Associated with Diabetes.**Biology , Volume: 10 Issue: 4 2021 Apr 20**

Authors Gulnaz A,Nadeem J,Han JH,Lew LC,Son JD,Park YH,Rather IA,Hor YY

Prebiotic Effect of Berberine and Curcumin Is Associated with the Improvement of Obesity in Mice.**Nutrients , Volume: 13 Issue: 5 2021 Apr 24**

Authors Neyrinck AM,Sánchez CR,Rodríguez J,Cani PD,Bindels LB,Delzenne NM

Sub-Inhibitory Concentrations of Ciprofloxacin Alone and Combinations with Plant-Derived Compounds against P. aeruginosa Biofilms and Their Effects on the Metabolomic Profile of P. aeruginosa Biofilms.**Antibiotics (Basel, Switzerland) , Volume: 10 Issue: 4 2021 Apr 9**

Authors Kart D,Reçber T,Nemutlu E,Sağıroğlu M

Synbiotic formulation of Cichorium intybus root powder with Lactobacillus acidophilus NCDC15 and Lactobacillus reuteri BFE7 improves growth performance in Murrah buffalo calves via altering selective gut health indices.**Tropical animal health and production , Volume: 53 Issue: 2 2021 Apr 28**

Authors Singh M,Kumar S,Banakar PS,Vinay VV,Das A,Tyagi N,Tyagi AK

Anti-MRSA activity of curcumin in planktonic cells and biofilms and determination of possible action mechanisms.**Microbial pathogenesis , Volume: 155 2021 Jun**

Authors Batista de Andrade Neto J,Pessoa de Farias Cabral V,Brito Nogueira LF,Rocha da Silva C,Gurgel do Amaral Valente Sá L,Ramos da Silva A,Barbosa da Silva WM,Silva J,Marinho ES,Cavalcanti BC,Odorico de Moraes M,Nobre Júnior HV

Preventive Effects of Bacillus licheniformis on Heat Stroke in Rats by Sustaining Intestinal Barrier Function and Modulating Gut Microbiota.**Frontiers in microbiology , Volume: 12 2021**

Authors Li L,Wang M,Chen J,Xu Z,Wang S,Xia X,Liu D,Wang S,Xie C,Wu J,Li J,Zhang J,Wang M,Zhu J,Ling C,Xu S

Anti-Inflammatory and Antimicrobial Activities of Compounds Isolated from Distichochlamys benenica.**BioMed research international , Volume: 2021 2021**

Authors Pham TV,Hoang HNT,Nguyen HT,Nguyen HM,Huynh CT,Vu TY,Do AT,Nguyen NH,Do BH

Assessment of the Safety of Lactobacillus casei IMV B-7280 Probiotic Strain on a Mouse Model.**Probiotics and antimicrobial proteins , Volume: 13 Issue: 6 2021 Dec**

Authors L M L,L P B,S G G,L O S,O M D,R V B,L M S,M Ya S

Phytochemical analysis of medicinal plants of Nepal and their antibacterial and antibiofilm activities against uropathogenic Escherichia coli.**BMC complementary medicine and therapies , Volume: 21 Issue: 1 2021 Apr 9**

Authors Bhandari S,Khadayat K,Poudel S,Shrestha S,Shrestha R,Devkota P,Khanal S,Marasini BP

Inhibition of Fungal Strains Isolated from Cereal Grains via Vapor Phase of Essential Oils.**Molecules (Basel, Switzerland) , Volume: 26 Issue: 5 2021 Mar 1**

Authors Strelková T,Nemes B,Kovács A,Novotný D,Božik M,Klouček P

Cloudy Apple Juice Fermented by Lactobacillus Prevents Obesity via Modulating Gut Microbiota and Protecting Intestinal Tract Health.**Nutrients , Volume: 13 Issue: 3 2021 Mar 17**

Authors Han M,Zhang M,Wang X,Bai X,Yue T,Gao Z

A Polyphenol Enriched Variety of Apple Alters Circulating Immune Cell Gene Expression and Faecal Microbiota Composition in Healthy Adults: A Randomized Controlled Trial.**Nutrients , Volume: 13 Issue: 4 2021 Mar 27**

Authors Barnett MPG,Young W,Armstrong K,Brewster D,Cooney JM,Ellett S,Espley RV,Laing W,Maclean P,McGhie T,Pringle G,Roy NC,Ferguson LR

Bifidobacterium adolescentis Isolated from Different Hosts Modifies the Intestinal Microbiota and Displays Differential Metabolic and Immunomodulatory Properties in Mice Fed a High-Fat Diet.**Nutrients , Volume: 13 Issue: 3 2021 Mar 21**

Authors Wang B,Kong Q,Cui S,Li X,Gu Z,Zhao J,Zhang H,Chen W,Wang G

Ingestion of High β -Glucan Barley Flour Enhances the Intestinal Immune System of Diet-Induced Obese Mice by Prebiotic Effects.**Nutrients , Volume: 13 Issue: 3 2021 Mar 11**

Authors Mio K,Otake N,Nakashima S,Matsuoka T,Aoe S

Gut Microbiota and Its Metabolite Deoxycholic Acid Contribute to Sucralose Consumption-Induced Nonalcoholic Fatty Liver Disease.

Journal of agricultural and food chemistry , Volume: 69 Issue: 13 2021 Apr 7

Authors Shi Z,Chen G,Cao Z,Wu F,Lei H,Chen C,Song Y,Liu C,Li J,Zhou J,Lu Y,Zhang L

Quercetin as a Precursor for the Synthesis of Novel Nanoscale Cu (II) Complex as a Catalyst for Alcohol Oxidation with High Antibacterial Activity.

Bioinorganic chemistry and applications , Volume: 2021 2021

Authors Moodi Z,Bagherzade G,Peters J

Lactobacillus acidophilus LA5 improves saturated fat-induced obesity mouse model through the enhanced intestinal Akkermansia muciniphila.

Scientific reports , Volume: 11 Issue: 1 2021 Mar 18

Authors Ondee T,Pongpirul K,Visitchanakun P,Saisorn W,Kanacharoen S,Wongsaroj L,Kullapanich C,Ngamwongsatit N,Settachaimongkon S,Somboonna N,Leelahavanichkul A

Beverages containing Lactobacillus paracasei LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.

Journal of dairy science , 2021 Mar 10

Authors Sun E,Zhang X,Zhao Y,Li J,Sun J,Mu Z,Wang R

Effect of Blueberry Anthocyanin-Rich Extracts on Peripheral and Hippocampal Antioxidant Defensiveness: The Analysis of the Serum Fatty Acid Species and Gut Microbiota Profile.

Journal of agricultural and food chemistry , Volume: 69 Issue: 12 2021 Mar 31

Authors Si X,Bi J,Chen Q,Cui H,Bao Y,Tian J,Shu C,Wang Y,Tan H,Zhang W,Chen Y,Li B

Gut Microbiota Variation With Short-Term Intake of Ginger Juice on Human Health.

Frontiers in microbiology , Volume: 11 2020

Authors Wang X,Zhang D,Jiang H,Zhang S,Pang X,Gao S,Zhang H,Zhang S,Xiao Q,Chen L,Wang S,Qi D,Li Y

Effects of Pretreatment with Bifidobacterium bifidum Using 16S Ribosomal RNA Gene Sequencing in a Mouse Model of Acute Colitis Induced by Dextran Sulfate Sodium.

Medical science monitor : international medical journal of experimental and clinical research , Volume: 27 2021 Mar 9

Authors Weng YJ,Jiang DX,Liang J,Ye SC,Tan WK,Yu CY,Zhou Y

Enhancement of the antibiotic activity by quercetin against Staphylococcus aureus efflux pumps.

Journal of bioenergetics and biomembranes , Volume: 53 Issue: 2 2021 Apr

Authors Dos Santos JFS,Tintino SR,da Silva ARP,Dos S Barbosa CR,Scherf JR,de S Silveira Z,de Freitas TS,de Lacerda Neto LJ,Barros LM,de A Menezes IR,Coutinho HDM,Siqueira-Júnior JP,Cunha FAB

Effects of Bacillus pumilus on growth performance, immunological indicators and gut microbiota of mice.

Journal of animal physiology and animal nutrition , Volume: 105 Issue: 4 2021 Jul

Authors Zhang N,Wang L,Wei Y

Assessment of Antimicrobial Activity of Pomegranate, Cranberry, and Black Chokeberry Extracts against Foodborne Pathogens.

Foods (Basel, Switzerland) , Volume: 10 Issue: 3 2021 Feb 24

Authors Daoutidou M,Plessas S,Alexopoulos A,Mantzourani I

Lactobacillus plantarum and Bifidobacterium bifidum alleviate dry eye in mice with exorbital lacrimal gland excision by modulating gut inflammation and microbiota.

Food & function , Volume: 12 Issue: 6 2021 Mar 21

Authors Yun SW,Son YH,Lee DY,Shin YJ,Han MJ,Kim DH

Effect of Quercetin on Lipids Metabolism Through Modulating the Gut Microbial and AMPK/PPAR Signaling Pathway in Broilers.

Frontiers in cell and developmental biology , Volume: 9 2021

Authors Wang M,Wang B,Wang S,Lu H,Wu H,Ding M,Ying L,Mao Y,Li Y

Impaired Intestinal Akkermansia muciniphila and Aryl Hydrocarbon Receptor Ligands Contribute to Nonalcoholic Fatty Liver Disease in Mice.

mSystems , Volume: 6 Issue: 1 2021 Feb 23

Authors Shi Z,Lei H,Chen G,Yuan P,Cao Z,Ser HL,Zhu X,Wu F,Liu C,Dong M,Song Y,Guo Y,Chen C,Hu K,Zhu Y,Zeng XA,Zhou J,Lu Y,Patterson AD,Zhang L

Effects of Banana Resistant Starch on the Biochemical Indexes and Intestinal Flora of Obese Rats Induced by a High-Fat Diet and Their Correlation Analysis.

Frontiers in bioengineering and biotechnology , Volume: 9 2021

Authors Fu J,Wang Y,Tan S,Wang J

The Therapeutic Efficacy of Curcumin vs. Metformin in Modulating the Gut Microbiota in NAFLD Rats: A Comparative Study.

Frontiers in microbiology , Volume: 11 2020

Authors Li R,Yao Y,Gao P,Bu S

Effects of dietary oregano essential oil supplementation on growth performance, intestinal antioxidative capacity, immunity, and intestinal microbiota in yellow-feathered chickens.

Journal of animal science , Volume: 99 Issue: 2 2021 Feb 1

Authors Ruan D,Fan Q,Fouad AM,Sun Y,Huang S,Wu A,Lin C,Kuang Z,Zhang C,Jiang S

Lactobacillus fermentum CECT5716 ameliorates high fat diet-induced obesity in mice through modulation of gut microbiota dysbiosis.

Pharmacological research , 2021 Jan 30

Authors Molina-Tijeras JA,Diez-Echave P,Vezza T,Hidalgo-García L,Ruiz-Malagón AJ,Rodríguez-Sojo MJ,Romero M,Robles-Vera I,García F,Plaza-Díaz J,Olivares M,Duarte J,Rodríguez-Cabezas ME,Rodríguez-Nogales A,Gálvez J

Prevention and Alleviation of Dextran Sulfate Sodium Salt-Induced Inflammatory Bowel Disease in Mice With *Bacillus subtilis*-Fermented Milk via Inhibition of the Inflammatory Responses and Regulation of the Intestinal Flora.

Frontiers in microbiology , Volume: 11 2020

Authors Zhang X,Tong Y,Lyu X,Wang J,Wang Y,Yang R

Effects of novel probiotic strains of *Bacillus pumilus* and *Bacillus subtilis* on production, gut health, and immunity of broiler chickens raised under suboptimal conditions.

Poultry science , Volume: 100 Issue: 3 2021 Mar

Authors Bilal M,Si W,Barbe F,Chevaux E,Sienkiewicz O,Zhao X

Bifidobacterium pseudocatenulatum Ameliorates DSS-Induced Colitis by Maintaining Intestinal Mechanical Barrier, Blocking Proinflammatory Cytokines, Inhibiting TLR4/NF- κ B Signaling, and Altering Gut Microbiota.

Journal of agricultural and food chemistry , Volume: 69 Issue: 5 2021 Feb 10

Authors Chen Y,Yang B,Stanton C,Ross RP,Zhao J,Zhang H,Chen W

Effect of probiotic *Lactobacillus plantarum* Dad-13 powder consumption on the gut microbiota and intestinal health of overweight adults.

World journal of gastroenterology , Volume: 27 Issue: 1 2021 Jan 7

Authors Rahayu ES,Mariyatun M,Putri Manurung NE,Hasan PN,Therdatha P,Mishima R,Komalasari H,Mahfuzah NA,Pamungkaningtyas FH,Yoga WK,Nurfiana DA,Liwan SY,Juffrie M,Nugroho AE,Utami T

Pretreatment with chitosan oligosaccharides attenuate experimental severe acute pancreatitis via inhibiting oxidative stress and modulating intestinal homeostasis.

Acta pharmacologica Sinica , 2021 Jan 25

Authors Mei QX,Hu JH,Huang ZH,Fan JJ,Huang CL,Lu YY,Wang XP,Zeng Y

Effect of dietary inclusion of dried apple pomace on faecal butyrate concentration and modulation of gut microbiota in dogs.

Archives of animal nutrition , Volume: 75 Issue: 1 2021 Feb

Authors de Brito CBM,Menezes Souza CM,Bastos TS,Mesa D,Oliveira SG,Félix AP

California strawberry consumption increased the abundance of gut microorganisms related to lean body weight, health and longevity in healthy subjects.

Nutrition research (New York, N.Y.) , Volume: 85 2021 Jan

Authors Ezzat-Zadeh Z,Henning SM,Yang J,Woo SL,Lee RP,Huang J,Thames G,Gilbuena I,Tseng CH,Heber D,Li Z

The antimicrobial capacity of *Cistus salviifolius* and *Punica granatum* plant extracts against clinical pathogens is related to their polyphenolic composition.

Scientific reports , Volume: 11 Issue: 1 2021 Jan 12

Authors Álvarez-Martínez FJ,Rodríguez JC,Borrás-Rocher F,Barrajón-Catalán E,Micol V

Effects of Iron and Zinc Biofortified Foods on Gut Microbiota In Vivo (*Gallus gallus*): A Systematic Review.

Nutrients , Volume: 13 Issue: 1 2021 Jan 9

Authors Juste Contin Gomes M,Stampini Duarte Martino H,Tako E

Inulin ameliorates schizophrenia via modulation of the gut microbiota and anti-inflammation in mice.

Food & function , Volume: 12 Issue: 3 2021 Feb 15

Authors Guo L,Xiao P,Zhang X,Yang Y,Yang M,Wang T,Lu H,Tian H,Wang H,Liu J

Dietary Inulin Supplementation Modulates Short-Chain Fatty Acid Levels and Cecum Microbiota Composition and Function in Chickens Infected With *Salmonella*.

Frontiers in microbiology , Volume: 11 2020

Authors Song J,Li Q,Everaert N,Liu R,Zheng M,Zhao G,Wen J

Combinatorial liposomes of berberine and curcumin inhibit biofilm formation and intracellular methicillin resistant *Staphylococcus aureus* infections and associated inflammation.

Journal of materials chemistry. B , Volume: 9 Issue: 3 2021 Jan 28

Authors Bhatia E,Sharma S,Jadhav K,Banerjee R

Inulin Exerts Beneficial Effects on Non-Alcoholic Fatty Liver Disease via Modulating gut Microbiome and Suppressing the Lipopolysaccharide-Toll-Like Receptor 4-M ϕ -Nuclear Factor- κ B-Nod-Like Receptor Protein 3 Pathway via gut-Liver Axis in Mice.

Frontiers in pharmacology , Volume: 11 2020

Authors Bao T,He F,Zhang X,Zhu L,Wang Z,Lu H,Wang T,Li Y,Yang S,Wang H

Selective Utilization of the Human Milk Oligosaccharides 2'-Fucosyllactose, 3-Fucosyllactose, and Difucosyllactose by Various Probiotic and Pathogenic Bacteria.

Journal of agricultural and food chemistry , Volume: 69 Issue: 1 2021 Jan 13

Authors Salli K,Hirvonen J,Siitonen J,Ahonen I,Angenius H,Maukonen J

Diallyl sulfide from garlic suppresses quorum-sensing systems of Pseudomonas aeruginosa and enhances biosynthesis of three B vitamins through its thioether group.

Microbial biotechnology , Volume: 14 Issue: 2 2021 Mar

Authors Li WR,Zeng TH,Yao JW,Zhu LP,Zhang ZQ,Xie XB,Shi QS

Exopolysaccharides from Lactobacillus plantarum YW11 improve immune response and ameliorate inflammatory bowel disease symptoms.

Acta biochimica Polonica , Volume: 67 Issue: 4 2020 Dec 17

Authors Min Z,Xiaona H,Aziz T,Jian Z,Zhennai Y

Alleviation of DSS-induced colitis via Lactobacillus acidophilus treatment in mice.

Food & function , Volume: 12 Issue: 1 2021 Jan 7

Authors Kim WK,Han DH,Jang YJ,Park S,Jang SJ,Lee G,Han HS,Ko G

Probiotic Lactobacillus fermentum strain JDFM216 improves cognitive behavior and modulates immune response with gut microbiota.

Scientific reports , Volume: 10 Issue: 1 2020 Dec 10

Authors Park MR,Shin M,Mun D,Jeong SY,Jeong DY,Song M,Ko G,Unno T,Kim Y,Oh S

Cow, Goat, and Mare Milk Diets Differentially Modulated the Immune System and Gut Microbiota of Mice Colonized by Healthy Infant Feces.

Journal of agricultural and food chemistry , Volume: 68 Issue: 51 2020 Dec 23

Authors Li N,Xie Q,Chen Q,Evivie SE,Liu D,Dong J,Huo G,Li B

Characterization, activities, and ethnobotanical uses of Mentha species in Morocco.

Heliyon , Volume: 6 Issue: 11 2020 Nov

Authors El Hassani FZ

Administration of Saccharomyces boulardii maffio-1701 improves feed conversion ratio, promotes antioxidant capacity, alleviates intestinal inflammation and modulates gut microbiota in weaned piglets.

Journal of animal science and biotechnology , Volume: 11 Issue: 1 2020 Dec 4

Authors Zhang W,Bao C,Wang J,Zang J,Cao Y

Bacillus amyloliquefaciens TL106 protects mice against enterohaemorrhagic Escherichia coli O157:H7-induced intestinal disease through improving immune response, intestinal barrier function and gut microbiota.

Journal of applied microbiology , Volume: 131 Issue: 1 2021 Jul

Authors Bao CL,Liu SZ,Shang ZD,Liu YJ,Wang J,Zhang WX,Dong B,Cao YH

Lycium barbarum polysaccharide attenuates myocardial injury in high-fat diet-fed mice through manipulating the gut microbiome and fecal metabolome.

Food research international (Ottawa, Ont.) , Volume: 138 Issue: Pt B 2020 Dec

Authors Zhang Z,Liu H,Yu B,Tao H,Li J,Wu Z,Liu G,Yuan C,Guo L,Cui B

Green tea leaf powder prevents dyslipidemia in high-fat diet-fed mice by modulating gut microbiota.

Food & nutrition research , Volume: 64 2020

Authors Wang J,Li P,Liu S,Zhang B,Hu Y,Ma H,Wang S

Modulation of gut microbiota and intestinal barrier function during alleviation of antibiotic-associated diarrhea with Rhizoma Zingiber officinale (Ginger) extract.

Food & function , Volume: 11 Issue: 12 2020 Dec 1

Authors Ma ZJ,Wang HJ, Ma XJ, Li Y, Yang HJ, Li H, Su JR, Zhang CE, Huang LQ

Antibacterial Activity of Honey Samples from Ukraine.

Veterinary sciences , Volume: 7 Issue: 4 2020 Nov 20

Authors Cilia G,Fratini F,Marchi M,Sagana S,Turchi B,Adamchuk L,Felicioli A,Kacániová M

Adjunctive treatment with probiotics partially alleviates symptoms and reduces inflammation in patients with irritable bowel syndrome.

European journal of nutrition , 2020 Nov 22

Authors Xu H, Ma C, Zhao F, Chen P, Liu Y, Sun Z, Cui L, Kwok LY, Zhang H

Lactobacillus plantarum relieves diarrhea caused by enterotoxin-producing Escherichia coli through inflammation modulation and gut microbiota regulation.

Food & function , Volume: 11 Issue: 12 2020 Dec 1

Authors Yue Y, He Z, Zhou Y, Ross RP, Stanton C, Zhao J, Zhang H, Yang B, Chen W

Dynamic gut microbiome changes to low-iron challenge.

Applied and environmental microbiology , 2020 Nov 13

Authors Coe GL,Pinkham NV,Celis AI,Johnson C,DuBois JL,Walk ST

Alcohol decreases intestinal ratio of *Lactobacillus* to *Enterobacteriaceae* and induces hepatic immune tolerance in a murine model of DSS-colitis.

Gut microbes , Volume: 12 Issue: 1 2020 Nov 9

Authors Kuprys PV,Cannon AR,Shieh J,Iftekhhar N,Park SK,Eberhardt JM,Ding X,Choudhry MA

Curcumin inhibits lipopolysaccharide and lipoteichoic acid-induced expression of proinflammatory cytokines and production of PGE(2) in the primary bubaline endometrial stromal cells.

Molecular biology reports , Volume: 47 Issue: 12 2020 Dec

Authors Ali A,Dar RR,Ahmad SF,Singh SK,Patra MK,Panigrahi M,Kumar H,Krishnaswamy N

Enterococcus faecium R0026 combined with *Bacillus subtilis* R0179 prevent obesity-associated hyperlipidaemia and modulate gut microbiota in C57BL/6 mice.

Journal of microbiology and biotechnology , 2020 Oct 20

Authors Huang J,Huang J,Yin T,Lv H,Zhang P,Li H

Chemical Composition and Antimicrobial Activity of Selected Essential Oils against *Staphylococcus* spp. Isolated from Human Semen.

Antibiotics (Basel, Switzerland) , Volume: 9 Issue: 11 2020 Oct 31

Authors Kacániová M,Terentjeva M,Štefániková J,Žiarovská J,Savitskaya T,Grinshpan D,Kowalczewski PL,Vukovic N,Tvrđá E

Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice.

European journal of nutrition , Volume: 60 Issue: 4 2021 Jun

Authors Guo Y,Yu Y,Li H,Ding X,Li X,Jing X,Chen J,Liu G,Lin Y,Jiang C,Liu Z,He Y,Li C,Tian Z

Antibacterial property of *Azadirachta indica*, *Ocimum sanctum*, and *Vitex negundo* against oral microbes.

Journal of conservative dentistry : JCD , Volume: 22 Issue: 6 2019 Nov-Dec

Authors Kalita C,Raja D,Saikia A,Saikia AK

The in vitro Effects of the Probiotic Strain, *Lactobacillus casei* ZX633 on Gut Microbiota Composition in Infants With Diarrhea.

Frontiers in cellular and infection microbiology , Volume: 10 2020

Authors Wang X,Zhang M,Wang W,Lv H,Zhang H,Liu Y,Tan Z

Lactobacillus delbrueckii subsp. *bulgaricus* KLDS 1.0207 Exerts Antimicrobial and Cytotoxic Effects in vitro and Improves Blood Biochemical Parameters in vivo Against Notable Foodborne Pathogens.

Frontiers in microbiology , Volume: 11 2020

Authors Evvie SE,Abdelazez A,Li B,Lu S,Liu F,Huo G

Distinct Effects of Milks From Various Animal Types on Infant Fecal Microbiota Through in vitro Fermentations.

Frontiers in microbiology , Volume: 11 2020

Authors Li N,Li B,Guan J,Shi J,Evvie SE,Zhao L,Huo G,Wang S

Chemical composition and antimycoplasma activity of a brown propolis from southern Brazil.

Journal of food science and technology , Volume: 57 Issue: 11 2020 Nov

Authors do Nascimento Araújo C,Mayworm MAS,Yatsuda R,Negri G,Salatino MLF,Salatino A,Timenetsky J,Campos GB

Dietary Epigallocatechin-3-Gallate Alters the Gut Microbiota of Obese Diabetic db/db Mice: *Lactobacillus* Is a Putative Target.

Journal of medicinal food , Volume: 23 Issue: 10 2020 Oct

Authors Park JM,Shin Y,Kim SH,Jin M,Choi JJ

Development and characterization of a carvacrol nanoemulsion and evaluation of its antimicrobial activity against selected food-related pathogens.

Letters in applied microbiology , Volume: 72 Issue: 3 2021 Mar

Authors Motta Felício I,Limongí de Souza R,de Oliveira Melo C,Gervázio Lima KY,Vasconcelos U,Olimpio de Moura R,Elamen Oliveira E

Inhibition of *Staphylococcus aureus* LC554891 by *Moringa oleifera* Seed Extract either Singly or in Combination with Antibiotics.

Molecules (Basel, Switzerland) , Volume: 25 Issue: 19 2020 Oct 7

Authors Enan G,Al-Mohammadi AR,Mahgoub S,Abdel-Shafi S,Askar E,Ghaly MF,Taha MA,El-Gazzar N

Bacillus subtilis and *Enterococcus faecium* co-fermented feed regulates lactating sow's performance, immune status and gut microbiota.

Microbial biotechnology , Volume: 14 Issue: 2 2021 Mar

Authors Wang C,Wei S,Xu B,Hao L,Su W,Jin M,Wang Y

Effect of resveratrol and quercetin on the susceptibility of *Escherichia coli* to antibiotics.

World journal of microbiology & biotechnology , Volume: 36 Issue: 11 2020 Oct 6

Authors Oktyabrsky ON,Bezmaternykh KV,Smirnova GV,Tyulenev AV

Effect of Combined Live Probiotics Alleviating the Gastrointestinal Symptoms of Functional Bowel Disorders.

Gastroenterology research and practice , Volume: 2020 2020

Authors Shi J,Gao F,Zhang J

[Bifidobacterium bifidum TMC3115 ameliorates milk protein allergy in by affecting gut microbiota: A randomized double-blind control trial.](#)

Journal of food biochemistry , Volume: 44 Issue: 11 2020 Nov

Authors Jing W,Liu Q,Wang W

[Investigation on the biofilm eradication potential of selected medicinal plants against methicillin-resistant Staphylococcus aureus.](#)

Biotechnology reports (Amsterdam, Netherlands) , Volume: 28 2020 Dec

Authors S LP,A U,S J GF

[The Influence of Essential Oils on Gut Microbial Profiles in Pigs.](#)

Animals : an open access journal from MDPI , Volume: 10 Issue: 10 2020 Sep 24

Authors Ruzauskas M,Bartkiene E,Stankevicius A,Bernatoniene J,Zadeike D,Lele V,Starkute V,Zavistanaviciute P,Grigas J,Zokaityte E,Pautienius A,Juodeikiene G,Jakstas V

[Does Curcumin Have a Role in the Interaction between Gut Microbiota and Schistosoma mansoni in Mice?](#)

Pathogens (Basel, Switzerland) , Volume: 9 Issue: 9 2020 Sep 19

Authors Anter A,El-Ghany MA,Abou El Dahab M,Mahana N

[Modulatory Effects of Triphala and Manjistha Dietary Supplementation on Human Gut Microbiota: A Double-Blind, Randomized, Placebo-Controlled Pilot Study.](#)

Journal of alternative and complementary medicine (New York, N.Y.) , 2020 Sep 18

Authors Peterson CT,Pourang A,Dhaliwal S,Kohn JN,Uchitel S,Singh H,Mills PJ,Peterson SN,Sivamani RK

[Effects of Brazilian green propolis extract on planktonic cells and biofilms of multidrug-resistant strains of Klebsiella pneumoniae and Pseudomonas aeruginosa.](#)

Biofouling , Volume: 36 Issue: 7 2020 Aug

Authors Santos PBDRED,Ávila DDS,Ramos LP,Yu AR,Santos CEDR,Berretta AA,Camargo SEA,Oliveira JR,Oliveira LD

[Lactobacillus fermentum CQPC06 in naturally fermented pickles prevents non-alcoholic fatty liver disease by stabilizing the gut-liver axis in mice.](#)

Food & function , Volume: 11 Issue: 10 2020 Oct 21

Authors Mu J,Tan F,Zhou X,Zhao X

[Modifications of Gut Microbiota after Grape Pomace Supplementation in Subjects at Cardiometabolic Risk: A Randomized Cross-Over Controlled Clinical Trial.](#)

Foods (Basel, Switzerland) , Volume: 9 Issue: 9 2020 Sep 11

Authors Ramos-Romero S,Martínez-Maqueda D,Hereu M,Amézqueta S,Torres JL,Pérez-Jiménez J

[Brazilian southeast brown propolis: gas chromatography method development for its volatile oil analysis, its antimicrobial and leishmanicidal activities evaluation.](#)

Phytochemical analysis : PCA , Volume: 32 Issue: 3 2021 May

Authors Ribeiro VP,Arruda C,Mejía JAA,Candido ACBB,Dos Santos RA,Magalhães LG,Bastos JK

[Micronized curcumin fabricated by supercritical CO\(2\) to improve antibacterial activity against Pseudomonas aeruginosa.](#)

Artificial cells, nanomedicine, and biotechnology , Volume: 48 Issue: 1 2020 Dec

Authors Xue B,Huang J,Zhang H,Li B,Xu M,Zhang Y,Xie M,Li X

[Effect of Alliaceae Extract Supplementation on Performance and Intestinal Microbiota of Growing-Finishing Pig.](#)

Animals : an open access journal from MDPI , Volume: 10 Issue: 9 2020 Sep 2

Authors Sánchez CJ,Martínez-Miró S,Ariza JJ,Madrid J,Orengo J,Aguinaga MA,Baños A,Hernández F

[Antibacterial Activity and Mechanism of Ginger Essential Oil against Escherichia coli and Staphylococcus aureus.](#)

Molecules (Basel, Switzerland) , Volume: 25 Issue: 17 2020 Aug 30

Authors Wang X,Shen Y,Thakur K,Han J,Zhang JG,Hu F,Wei ZJ

[The effects of dairy and dairy derivatives on the gut microbiota: a systematic literature review.](#)

Gut microbes , Volume: 12 Issue: 1 2020 Nov 9

Authors Aslam H,Marx W,Rocks T,Loughman A,Chandrasekaran V,Ruusunen A,Dawson SL,West M,Mullarkey E,Pasco JA,Jacka FN

[A novel inulin-type fructan from Asparagus cochinchinensis and its beneficial impact on human intestinal microbiota.](#)

Carbohydrate polymers , Volume: 247 2020 Nov 1

Authors Sun Q,Zhu L,Li Y,Cui Y,Jiang S,Tao N,Chen H,Zhao Z,Xu J,Dong C

[Reciprocal Interactions between Epigallocatechin-3-gallate \(EGCG\) and Human Gut Microbiota In Vitro.](#)

Journal of agricultural and food chemistry , Volume: 68 Issue: 36 2020 Sep 9

Authors Liu Z,de Bruijn WJC,Bruins ME,Vincken JP

[Impacts of Habitual Diets Intake on Gut Microbial Counts in Healthy Japanese Adults.](#)

Nutrients , Volume: 12 Issue: 8 2020 Aug 12

Authors Sugimoto T,Shima T,Amamoto R,Kaga C,Kado Y,Watanabe O,Shiinoki J,Iwazaki K,Shigemura H,Tsuji H,Matsumoto S

[Lactobacillus plantarum PS128 Improves Physiological Adaptation and Performance in Triathletes through Gut Microbiota Modulation.](#)

Nutrients , Volume: 12 Issue: 8 2020 Aug 1

Authors Huang WC,Pan CH,Wei CC,Huang HY

[Impact of Heat-Killed Lactobacillus casei Strain IMAU60214 on the Immune Function of Macrophages in Malnourished Children.](#)

Nutrients , Volume: 12 Issue: 8 2020 Jul 31

Authors Rocha-Ramírez LM,Hernández-Ochoa B,Gómez-Manzo S,Marcial-Quino J,Cárdenas-Rodríguez N,Centeno-Leija S,García-Garibay M

[Dietary Mannan-oligosaccharides potentiate the beneficial effects of Bifidobacterium bifidum in broiler chicken.](#)

Letters in applied microbiology , Volume: 71 Issue: 5 2020 Nov

Authors Dev K,Akbar Mir N,Biswas A,Kannoujia J,Begum J,Kant R

[Effect of High versus Low Dairy Consumption on the Gut Microbiome: Results of a Randomized, Cross-Over Study.](#)

Nutrients , Volume: 12 Issue: 7 2020 Jul 17

Authors Swarte JC,Eelderink C,Douwes RM,Said MY,Hu S,Post A,Westerhuis R,Bakker SJL,Harmsen HJM

[Curcumin, a Natural Antimicrobial Agent with Strain-Specific Activity.](#)

Pharmaceuticals (Basel, Switzerland) , Volume: 13 Issue: 7 2020 Jul 16

Authors Adamczak A,Ozarowski M,Karpinski TM

[Long-term Consumption of 2-O-?-D-Glucopyranosyl-L-ascorbic Acid from the Fruits of Lycium barbarum Modulates Gut Microbiota in C57BL/6 Mice.](#)

Journal of agricultural and food chemistry , 2020 Jul 24

Authors Dong W,Huang K,Yan Y,Wan P,Peng Y,Zeng X,Cao Y

[Enterococcus faecium Modulates the Gut Microbiota of Broilers and Enhances Phosphorus Absorption and Utilization.](#)

Animals : an open access journal from MDPI , Volume: 10 Issue: 7 2020 Jul 20

Authors Wang W,Cai H,Zhang A,Chen Z,Chang W,Liu G,Deng X,Bryden WL,Zheng A

[Effect of particle size of insoluble fibre on growth performance, apparent ileal digestibility and caecal microbial population in broiler chickens fed barley-containing diets.](#)

British poultry science , Volume: 61 Issue: 6 2020 Dec

Authors Pourazadi Z,Salari S,Tabandeh MR,Abdollahi MR

[Early supplementation of Saccharomyces cerevisiae boulardii CNCM I-1079 in newborn dairy calves increases IgA production in the intestine at 1 week of age.](#)

Journal of dairy science , Volume: 103 Issue: 9 2020 Sep

Authors Villot C,Chen Y,Pedgerachny K,Chaucheyras-Durand F,Chevaux E,Skidmore A,Guan LL,Steele MA

[Effects of banana powder \(Musa acuminata Colla\) on the composition of human fecal microbiota and metabolic output using in vitro fermentation.](#)

Journal of food science , Volume: 85 Issue: 8 2020 Aug

Authors Tian DD,Xu XQ,Peng Q,Zhang YW,Zhang PB,Qiao Y,Shi B

[Effect of banana pulp dietary fibers on metabolic syndrome and gut microbiota diversity in high-fat diet mice.](#)

Journal of food biochemistry , 2020 Jul 14

Authors Wei G,Ye Y,Yan X,Chao X,Yang F,Wang M,Zhang W,Yuan C,Zeng Q

[Anti-Obesity Effect of Lactobacillus plantarum LB818 Is Associated with Regulation of Gut Microbiota in High-Fat Diet-Fed Obese Mice.](#)

Journal of medicinal food , Volume: 23 Issue: 7 2020 Jul

Authors Hussain A,Kwon MH,Kim HK,Lee HS,Cho JS,Lee YI

[Antioxidant and antibacterial activities of multiflora honey extracts from the Indonesian Apis cerana bee.](#)

Journal of Taibah University Medical Sciences , Volume: 15 Issue: 3 2020 Jun

Authors Nayaka NMDMW,Fidrianny I,Sukrasno,Hartati R,Singgih M

[Green Tea Encourages Growth of <i>Akkermansia muciniphila</i>.](#)

Journal of medicinal food , 2020 Jun 25

Authors Jeong HW,Kim JK,Kim AY,Cho D,Lee JH,Choi JK,Park M,Kim W

[Effects of phenolic and protein extracts from Melipona beecheii honey on pathogenic strains of Escherichia coli and Staphylococcus aureus.](#)

Food science and biotechnology , Volume: 29 Issue: 7 2020 Jul

Authors Ramón-Sierra J,Martínez-Guevara JL,Pool-Yam L,Magaña-Ortiz D,Yam-Puc A,Ortiz-Vázquez E

[Rosemary and Tea Tree Essential Oils Exert Antibiofilm Activities In Vitro against Staphylococcus aureus and Escherichia coli.](#)

Journal of food protection , Volume: 83 Issue: 7 2020 Jul 1

Authors Liu T,Wang J,Gong X,Wu X,Liu L,Chi F

[Anti-microbial activity of Rosmarinus officinalis and Zingiber officinale extracts on the species of the genus Candida and on Streptococcus pneumonia].

Annales pharmaceutiques francaises , Volume: 79 Issue: 1 2021 Jan

Authors Akroum S

Effect of chitoooligosaccharides on human gut microbiota and antiglycation.

Carbohydrate polymers , Volume: 242 2020 Aug 15

Authors Liu W,Li X,Zhao Z,Pi X,Meng Y,Fei D,Liu D,Wang X

Antioxidant and antimicrobial activity of red propolis embedded mesoporous silica nanoparticles.

Drug development and industrial pharmacy , Volume: 46 Issue: 7 2020 Jul

Authors Azevedo de M Oliveira LF,Teles da Silva LVA,do Nascimento TG,de Almeida LM,Calumby RJN,Nunes ÁM,de Magalhães Oliveira LMT,da Silva Fonseca EJ

Thyroid-Gut-Axis: How Does the Microbiota Influence Thyroid Function?

Nutrients , Volume: 12 Issue: 6 2020 Jun 12

Authors Knezevic J,Starchl C,Tmava Berisha A,Amrein K

Quercetin inhibits Pseudomonas aeruginosa biofilm formation via the vfr-mediated lasIR system.

Microbial pathogenesis , Volume: 149 2020 Dec

Authors Ouyang J,Feng W,Lai X,Chen Y,Zhang X,Rong L,Sun F,Chen Y

Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Essential Oils: Implications in Colonic Pathophysiology.

International journal of molecular sciences , Volume: 21 Issue: 11 2020 Jun 10

Authors Spisni E,Petrocelli G,Imbesi V,Spigarelli R,Azzinnari D,Donati Sarti M,Campieri M,Valerii MC

Green approach in food nanotechnology based on subcritical water: effects of thyme oil and saponin on characteristics of the prepared oil in water nanoemulsions.

Food science and biotechnology , Volume: 29 Issue: 6 2020 Jun

Authors Ahmadi O,Jafarizadeh-Malmiri H

Thymus vulgaris L. Essential Oil Solid Formulation: Chemical Profile and Spasmolytic and Antimicrobial Effects.

Biomolecules , Volume: 10 Issue: 6 2020 Jun 4

Authors Micucci M,Protti M,Aldini R,Frosini M,Corazza I,Marzetti C,Mattioli LB,Tocci G,Chiarini A,Mercolini L,Budriesi R

In Vitro Antibacterial Activity of Ethanol Extracts of Cinnamomum zeylanicum against Pseudomonas aeruginosa.

Mymensingh medical journal : MMJ , Volume: 29 Issue: 2 2020 Apr

Authors Salma U,Sultana S,Saha SK,Ahmed SM,Salma MU,Nahar K,Ahmed SM

Early Introduction of Solid Feeds: Ingestion Level Matters More Than Prebiotic Supplementation for Shaping Gut Microbiota.

Frontiers in veterinary science , Volume: 7 2020

Authors Paës C,Gidenne T,Bébin K,Duperray J,Gohier C,Guené-Grand E,Rebours G,Bouchez O,Barilly C,Aymard P,Combes S

Co-Culture with *Bifidobacterium catenulatum* Improves the Growth, Gut Colonization, and Butyrate Production of *Faecalibacterium prausnitzii*: In Vitro and In Vivo Studies.

Microorganisms , Volume: 8 Issue: 5 2020 May 25

Authors Kim H,Jeong Y,Kang S,You HJ,Jeon GE

Prebiotic effect of inulin-type fructans on faecal microbiota and short-chain fatty acids in type 2 diabetes: a randomised controlled trial.

European journal of nutrition , Volume: 59 Issue: 7 2020 Oct

Authors Birkeland E,Gharagozlian S,Birkeland KI,Valeur J,Måge I,Rud I,Aas AM

Dietary supplementation with Lactobacillus plantarum modified gut microbiota, bile acid profile and glucose homeostasis in weaning piglets.

The British journal of nutrition , Volume: 124 Issue: 8 2020 Oct 28

Authors Lin S,Yang X,Long Y,Zhong H,Wang P,Yuan P,Zhang X,Che L,Feng B,Li J,Zhuo Y,Lin Y,Xu S,Wu D,Fang Z

Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs.

European journal of nutrition , Volume: 60 Issue: 2 2021 Mar

Authors He J,Xie H,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H

Effect of long-term consumption of tea (Camellia sinensis L.) flower polysaccharides on maintaining intestinal health in BALB/c mice.

Journal of food science , Volume: 85 Issue: 6 2020 Jun

Authors Chen D,Ding Y,Ye H,Sun Y,Zeng X

Unsaturated alginate oligosaccharides attenuated obesity-related metabolic abnormalities by modulating gut microbiota in high-fat-diet mice.

Food & function , Volume: 11 Issue: 5 2020 May 1

Authors Li S,Wang L,Liu B,He N

Chemical Composition and Antioxidant, Antimicrobial, and Antiproliferative Activities of Cinnamomum zeylanicum Bark

Essential Oil.**Evidence-based complementary and alternative medicine : eCAM , Volume: 2020 2020**

Authors Alizadeh Behbahani B,Falah F,Lavi Arab F,Vasiee M,Tabatabaee Yazdi F

Gut Microbiome and Metabolome Response of Pu-erh Tea on Metabolism Disorder Induced by Chronic Alcohol Consumption.**Journal of agricultural and food chemistry , Volume: 68 Issue: 24 2020 Jun 17**

Authors Liu Y,Luo Y,Wang X,Luo L,Sun K,Zeng L

Lactobacillus plantarum FRT10 alleviated high-fat diet-induced obesity in mice through regulating the PPAR α signal pathway and gut microbiota.**Applied microbiology and biotechnology , Volume: 104 Issue: 13 2020 Jul**

Authors Cai H,Wen Z,Li X,Meng K,Yang P

Green tea polyphenols boost gut-microbiota-dependent mitochondrial TCA and urea cycles in Sprague-Dawley rats.**The Journal of nutritional biochemistry , Volume: 81 2020 Jul**

Authors Zhou J,Tang L,Shen CL,Wang JS

The Protective Effects of 2'-Fucosyllactose against *E. Coli* O157 Infection Are Mediated by the Regulation of Gut Microbiota and the Inhibition of Pathogen Adhesion.**Nutrients , Volume: 12 Issue: 5 2020 May 1**

Authors Wang Y,Zou Y,Wang J,Ma H,Zhang B,Wang S

Lactobacillus fermentum V3 ameliorates colitis-associated tumorigenesis by modulating the gut microbiome.**American journal of cancer research , Volume: 10 Issue: 4 2020**

Authors Chou YC,Ho PY,Chen WJ,Wu SH,Pan MH

Administration of Bifidobacterium bifidum CGMCC 15068 modulates gut microbiota and metabolome in azoxymethane (AOM)/dextran sulphate sodium (DSS)-induced colitis-associated colon cancer (CAC) in mice.**Applied microbiology and biotechnology , Volume: 104 Issue: 13 2020 Jul**

Authors Wang Q,Wang K,Wu W,Lv L,Bian X,Yang L,Wang Q,Li Y,Ye J,Fang D,Wu J,Jiang X,Xie J,Lu Y,Li L

Efficacy of green tea and its extract, epigallocatechin-3-gallate, in the reduction of cariogenic microbiota in children: a randomized clinical trial.**Archives of oral biology , Volume: 114 2020 Jun**

Authors Vilela MM,Salvador SL,Teixeira IGL,Del Arco MCG,De Rossi A

Alleviation effects of Bifidobacterium breve on DSS-induced colitis depends on intestinal tract barrier maintenance and gut microbiota modulation.**European journal of nutrition , 2020 Apr 29**

Authors Chen Y,Jin Y,Stanton C,Paul Ross R,Zhao J,Zhang H,Yang B,Chen W

Lactobacillus paracasei subsp. *paracasei* NTU 101 lyophilized powder improves loperamide-induced constipation in rats.**Heliyon , Volume: 6 Issue: 4 2020 Apr**

Authors Chen CL,Chao SH,Pan TM

Preventive Effects of Kaempferol on High-Fat Diet-Induced Obesity Complications in C57BL/6 Mice.**BioMed research international , Volume: 2020 2020**

Authors Wang T,Wu Q,Zhao T

Lactobacillus plantarum NA136 ameliorates nonalcoholic fatty liver disease by modulating gut microbiota, improving intestinal barrier integrity, and attenuating inflammation.**Applied microbiology and biotechnology , Volume: 104 Issue: 12 2020 Jun**

Authors Zhao Z,Chen L,Zhao Y,Wang C,Duan C,Yang G,Niu C,Li S

Cultivation of the Next-Generation Probiotic Akkermansia muciniphila, Methods of Its Safe Delivery to the Intestine, and Factors Contributing to Its Growth In Vivo.**Current microbiology , Volume: 77 Issue: 8 2020 Aug**

Authors Ropot AV,Karamzin AM,Sergeyev OV

Phytochemical Study and Antibacterial and Antibiotic Modulation Activity of Punica granatum (Pomegranate) Leaves.**Scientifica , Volume: 2020 2020**

Authors Trabelsi A,El Kaibi MA,Abbassi A,Horchani A,Chekir-Ghedira L,Ghedira K

Effect of resveratrol on intestinal tight junction proteins and the gut microbiome in high-fat diet-fed insulin resistant mice.**International journal of food sciences and nutrition , Volume: 71 Issue: 8 2020 Dec**

Authors Chen K,Zhao H,Shu L,Xing H,Wang C,Lu C,Song G

Consumption of two whole kiwifruit (*Actinide chinensis*) per day improves lipid homeostasis, fatty acid metabolism and gut microbiota in healthy rats.**International journal of biological macromolecules , Volume: 156 2020 Apr 9**

Authors Alim A,Li T,Nisar T,Ren D,Liu Y,Yang X

2'-fucosyllactose Supplementation Improves Gut-Brain Signaling and Diet-Induced Obese Phenotype and Changes the Gut

Microbiota in High Fat-Fed Mice.**Nutrients** , Volume: 12 Issue: 4 2020 Apr 5

Authors Lee S,Goodson M,Vang W,Kalanetra K,Barile D,Raybould H

Grape Extract Activates Brown Adipose Tissue Through Pathway Involving the Regulation of Gut Microbiota and Bile Acid.**Molecular nutrition & food research** , 2020 Apr 5

Authors Han X,Guo J,Yin M,Liu Y,You Y,Zhan J,Huang W

Chinese Propolis Prevents Obesity and Metabolism Syndromes Induced by a High Fat Diet and Accompanied by an Altered Gut Microbiota Structure in Mice.**Nutrients** , Volume: 12 Issue: 4 2020 Mar 30

Authors Zheng Y,Wu Y,Tao L,Chen X,Jones TJ,Wang K,Hu F

Dynamic changes in gut microbiota under the influence of smoking and TNF- α -blocker in patients with ankylosing spondylitis.**Clinical rheumatology** , Volume: 39 Issue: 9 2020 Sep

Authors Zhang F,Ma C,Zhang B,Bi L

Effects of dietary inulin supplementation on growth performance, intestinal barrier integrity and microbial populations in weaned pigs.**The British journal of nutrition** , Volume: 124 Issue: 3 2020 Aug 14

Authors Wang W,Chen D,Yu B,Huang Z,Mao X,Zheng P,Luo Y,Yu J,Luo J,Yan H,He J

Identification of essential oils with activity against stationary phase Staphylococcus aureus.**BMC complementary medicine and therapies** , Volume: 20 Issue: 1 2020 Mar 24

Authors Xiao S,Cui P,Shi W,Zhang Y

Synergistic antibacterial, antifungal and antioxidant efficacy of cinnamon and clove essential oils in combination.**Archives of microbiology** , Volume: 202 Issue: 6 2020 Aug

Authors Purkait S,Bhattacharya A,Bag A,Chattopadhyay RR

Antioxidant properties and antimicrobial activity of manuka honey versus Polish honeys.**Journal of food science and technology** , Volume: 57 Issue: 4 2020 Apr

Authors Goslinski M,Nowak D,Klebukowska L

Ethanol extract of propolis prevents high-fat diet-induced insulin resistance and obesity in association with modulation of gut microbiota in mice.**Food research international (Ottawa, Ont.)** , Volume: 130 2020 Apr

Authors Cai W,Xu J,Li G,Liu T,Guo X,Wang H,Luo L

Moringa Oleifera Oil Modulates Rumen Microflora to Mediate In Vitro Fermentation Kinetics and Methanogenesis in Total Mix Rations.**Current microbiology** , Volume: 77 Issue: 7 2020 Jul

Authors Ebeid HM,Mengwei L,Kholif AE,Hassan FU,Lijuan P,Xin L,Chengjian Y

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.**Environmental pollution (Barking, Essex : 1987)** , Volume: 261 2020 Jun

Authors Hoffman JB,Petriello MC,Morris AJ,Mottaleb MA,Sui Y,Zhou C,Deng P,Wang C,Hennig B

Stable Colonization of Orally Administered Lactobacillus casei SY13 Alters the Gut Microbiota.**BioMed research international** , Volume: 2020 2020

Authors Yue Y,Xu X,Yang B,Lu J,Zhang S,Liu L,Nassar K,Zhang C,Zhang M,Pang X,Lv J

Prebiotic activity of garlic (<i>Allium sativum</i>) extract on <i>Lactobacillus acidophilus</i>.**Veterinary world** , Volume: 12 Issue: 12 2019 Dec

Authors Sunu P,Sunarti D,Mahfudz LD,Yunianto VD

Use of A Hydroalcoholic Extract of Moringa oleifera Leaves for the Green Synthesis of Bismuth Nanoparticles and Evaluation of Their Anti-Microbial and Antioxidant Activities.**Materials (Basel, Switzerland)** , Volume: 13 Issue: 4 2020 Feb 15

Authors Das PE,Majdalawieh AF,Abu-Yousef IA,Narasimhan S,Poltronieri P

Altered microbial community structure and metabolism in cow's milk allergic mice treated with oral immunotherapy and fructo-oligosaccharides.**Beneficial microbes** , Volume: 11 Issue: 1 2020 Feb 19

Authors Vonk MM,Engen PA,Naqib A,Green SJ,Keshavarzian A,Blokhuis BRJ,Garssen J,Knippels LMJ,van Esch BCAM

In vitro antibacterial activity of medicinal plants against biofilm-forming methicillin-resistant Staphylococcus aureus: efficacy of Moringa stenopetala and Rosmarinus officinalis extracts.**Heliyon** , Volume: 6 Issue: 1 2020 Jan

Authors Manilal A,Sabu KR,Shewangizaw M,Aklilu A,Seid M,Merdikios B,Tsegaye B

Wild blueberry proanthocyanidins shape distinct gut microbiota profile and influence glucose homeostasis and intestinal

[phenotypes in high-fat high-sucrose fed mice.](#)

Scientific reports , Volume: 10 Issue: 1 2020 Feb 10

Authors Rodríguez-Daza MC, Daoust L, Boutkrabt L, Pilon G, Varin T, Dudonné S, Levy É, Marette A, Roy D, Desjardins Y

[Milk fat influences proteolytic enzyme activity of dairy Pseudomonas species.](#)

International journal of food microbiology , Volume: 320 2020 Jan 28

Authors Zhang D, Palmer J, Teh KH, Calinisan MMA, Flint S

[Green Synthesis of Encapsulated Copper Nanoparticles Using a Hydroalcoholic Extract of Moringa oleifera Leaves and Assessment of Their Antioxidant and Antimicrobial Activities.](#)

Molecules (Basel, Switzerland) , Volume: 25 Issue: 3 2020 Jan 28

Authors Das PE, Abu-Yousef IA, Majdalawieh AF, Narasimhan S, Poltronieri P

[Elucidation of the potential of Moringa oleifera leaves extract as a novel alternate to the chemical coagulant in water treatment process.](#)

Water environment research : a research publication of the Water Environment Federation , Volume: 92 Issue: 7 2020 Jul

Authors Pandey P, Khan F, Mishra R, Singh SK

[Gut Microbiota Modulation by Dietary Barley Malt Melanoidins.](#)

Nutrients , Volume: 12 Issue: 1 2020 Jan 17

Authors Aljahdali N, Gadonna-Widehem P, Anton PM, Carbonero F

[Camellia sinensis and Litsea coreana Ameliorate Intestinal Inflammation and Modulate Gut Microbiota in Dextran Sulfate Sodium-Induced Colitis Mice.](#)

Molecular nutrition & food research , Volume: 64 Issue: 6 2020 Mar

Authors Liu Y, Wang X, Chen Q, Luo L, Ma M, Xiao B, Zeng L

[Identification of Antimicrobial Peptides from Novel Lactobacillus fermentum Strain.](#)

The protein journal , Volume: 39 Issue: 1 2020 Feb

Authors Pavlova AS, Ozhegov GD, Arapidi GP, Butenko IO, Fomin ES, Alemasov NA, Afonnikov DA, Yarullina DR, Ivanov VT, Govorun VM, Kayumov AR

[Dietary prophage inducers and antimicrobials: toward landscaping the human gut microbiome.](#)

Gut microbes , 2020 Jan 13

Authors Boling L, Cuevas DA, Grasis JA, Kang HS, Knowles B, Levi K, Maughan H, McNair K, Rojas MI, Sanchez SE, Smurthwaite C, Rohwer F

[Lactobacillus casei ATCC 393 alleviates Enterotoxigenic Escherichia coli K88-induced intestinal barrier dysfunction via TLRs/mast cells pathway.](#)

Life sciences , Volume: 244 2020 Mar 1

Authors Xu C, Yan S, Guo Y, Qiao L, Ma L, Dou X, Zhang B

[In vitro digestion and human gut microbiota fermentation of longan pulp polysaccharides as affected by Lactobacillus fermentum fermentation.](#)

International journal of biological macromolecules , Volume: 147 2020 Mar 15

Authors Huang F, Hong R, Yi Y, Bai Y, Dong L, Jia X, Zhang R, Wang G, Zhang M, Wu J

[Effect of dietary Moringa oleifera leaves on the performance, ileal microbiota and antioxidative status of broiler chickens.](#)

Journal of animal physiology and animal nutrition , Volume: 104 Issue: 2 2020 Mar

Authors Abu Hafsa SH, Ibrahim SA, Eid YZ, Hassan AA

[Food for thought about manipulating gut bacteria.](#)

Nature , Volume: 577 Issue: 7788 2020 Jan

Authors Delzenne NM, Bindels LB

[The impact of food additives, artificial sweeteners and domestic hygiene products on the human gut microbiome and its fibre fermentation capacity.](#)

European journal of nutrition , Volume: 59 Issue: 7 2020 Oct

Authors Gerasimidis K, Bryden K, Chen X, Papachristou E, Verney A, Roig M, Hansen R, Nichols B, Papadopoulou R, Parrett A

[Apple polysaccharide could promote the growth of Bifidobacterium longum.](#)

International journal of biological macromolecules , Volume: 152 2020 Jun 1

Authors Li Y, Wang S, Sun Y, Zheng H, Tang Y, Gao X, Song C, Liu J, Long Y, Liu L, Mei Q

[Structural Analysis of Gluco-Oligosaccharides Produced by <i>Leuconostoc lactis</i> and Their Prebiotic Effect.](#)

Molecules (Basel, Switzerland) , Volume: 24 Issue: 21 2019 Nov 5

Authors Lee S, Park J, Jang JK, Lee BH, Park YS

[Tea Compounds and the Gut Microbiome: Findings from Trials and Mechanistic Studies.](#)

Nutrients , Volume: 11 Issue: 10 2019 Oct 3

Authors Bond T, Derbyshire E

[Chitooligosaccharides Prevents the Development of Colitis-Associated Colorectal Cancer by Modulating the Intestinal](#)

Microbiota and Mycobiota.**Frontiers in microbiology** , Volume: 10 2019

Authors Wu M,Li J,An Y,Li P,Xiong W,Li J,Yan D,Wang M,Zhong G

Administration of Lactobacillus fermentum KBL375 Causes Taxonomic and Functional Changes in Gut Microbiota Leading to Improvement of Atopic Dermatitis.**Frontiers in molecular biosciences** , Volume: 6 2019

Authors Kim WK,Jang YJ,Han DH,Seo B,Park S,Lee CH,Ko G

The effect of inulin and resistant maltodextrin on weight loss during energy restriction: a randomised, placebo-controlled, double-blinded intervention.**European journal of nutrition** , 2019 Oct 11

Authors Hess AL,Benítez-Páez A,Blädel T,Larsen LH,Iglesias JR,Madera C,Sanz Y,Larsen TM,MyNewGut Consortium.

In vivo safety assessment of Lactobacillus fermentum strains, evaluation of their cholesterol-lowering ability and intestinal microbial modulation.**Journal of the science of food and agriculture** , Volume: 100 Issue: 2 2020 Jan 30

Authors Thumu SCR,Halami PM

Transfusional iron overload and intravenous iron infusions modify the mouse gut microbiota similarly to dietary iron.**NPJ biofilms and microbiomes** , Volume: 5 2019

Authors La Carpia F,Wojczyk BS,Annavaiah MK,Rebbaa A,Culp-Hill R,D`Alessandro A,Freedberg DE,Uhlemann AC,Hod EA

Effects of grape pomace and seed polyphenol extracts on the recovery of gut microbiota after antibiotic treatment in high-fat diet-fed mice.**Food science & nutrition** , Volume: 7 Issue: 9 2019 Sep

Authors Lu F,Liu F,Zhou Q,Hu X,Zhang Y

Bacillus coagulans R11 maintained intestinal villus health and decreased intestinal injury in lead-exposed mice by regulating the intestinal microbiota and influenced the function of faecal microRNAs.**Environmental pollution (Barking, Essex : 1987)** , Volume: 255 Issue: Pt 2 2019 Sep 13

Authors Xing SC,Huang CB,Mi JD,Wu YB,Liao XD

Propolis modulates the gut microbiota and improves the intestinal mucosal barrier function in diabetic rats.**Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie** , Volume: 118 2019 Oct

Authors Xue M,Liu Y,Xu H,Zhou Z,Ma Y,Sun T,Liu M,Zhang H,Liang H

Influence of Bacillus subtilis GCB-13-001 on growth performance, nutrient digestibility, blood characteristics, faecal microbiota and faecal score in weanling pigs.**Journal of animal physiology and animal nutrition** , 2019 Sep 20

Authors Wang H,Kim KP,Kim IH

Comparison of antifungal activity of essential oils from different plants against three fungi.**Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association** , Volume: 134 2019 Dec

Authors Hu F,Tu XF,Thakur K,Hu F,Li XL,Zhang YS,Zhang JG,Wei ZI

Raw Bowl Tea (Tuocha) Polyphenol Prevention of Nonalcoholic Fatty Liver Disease by Regulating Intestinal Function in Mice.**Biomolecules** , Volume: 9 Issue: 9 2019 Sep 1

Authors Liu B,Zhang J,Sun P,Yi R,Han X,Zhao X

Modulation effect of Lactobacillus acidophilus KLDS 1.0738 on gut microbiota and TLR4 expression in β -lactoglobulin-induced allergic mice model.**Allergologia et immunopathologia** , Volume: 48 Issue: 2 2020 Mar-Apr

Authors Ni WW,Zhang QM,Zhang X,Li Y,Yu SS,Wu HY,Chen Z,Li AL,Du P,Li C

Lactobacillus acidophilus alleviates type 2 diabetes by regulating hepatic glucose, lipid metabolism and gut microbiota in mice.**Food & function** , Volume: 10 Issue: 9 2019 Sep 1

Authors Yan F,Li N,Shi J,Li H,Yue Y,Jiao W,Wang N,Song Y,Huo G,Li B

Adhesive *Bifidobacterium* Induced Changes in Cecal Microbiome Alleviated Constipation in Mice.**Frontiers in microbiology** , Volume: 10 2019

Authors Wang L,Chen C,Cui S,Lee YK,Wang G,Zhao J,Zhang H,Chen W

Enterococcus faecium NCIMB 10415 administration improves the intestinal health and immunity in neonatal piglets infected by enterotoxigenic Escherichia coli K88.**Journal of animal science and biotechnology** , Volume: 10 2019

Authors Peng X,Wang R,Hu L,Zhou Q,Liu Y,Yang M,Fang Z,Lin Y,Xu S,Feng B,Li J,Jiang X,Zhuo Y,Li H,Wu D,Che L

Inhibition of Escherichia coli adhesion to human intestinal Caco-2 cells by probiotic candidate Lactobacillus plantarum strain L15.**Microbial pathogenesis** , Volume: 136 2019 Nov

Authors Alizadeh Behbahani B,Noshad M,Falah F

Rebalancing of the gut flora and microbial metabolism is responsible for the anti-arthritis effect of kaempferol.

Acta pharmacologica Sinica , Volume: 41 Issue: 1 2020 Jan

Authors Aa LX,Fei F,Qi Q,Sun RB,Gu SH,Di ZZ,Aa JY,Wang GJ,Liu CX

Immunomodulatory and Prebiotic Effects of 2`-Fucosyllactose in Suckling Rats.

Frontiers in immunology , Volume: 10 2019

Authors Azagra-Boronat I,Massot-Cladera M,Mayneris-Perxachs J,Knipping K,Van`t Land B,Tims S,Stahl B,Garssen J,Franch

À,Castell M,Rodríguez-Lagunas MJ,Pérez-Cano FJ

Green tea polyphenol (epigallocatechin-3-gallate) improves gut dysbiosis and serum bile acids dysregulation in high-fat diet-fed mice.

Journal of clinical biochemistry and nutrition , Volume: 65 Issue: 1 2019 Jul

Authors Ushiroda C,Naito Y,Takagi T,Uchiyama K,Mizushima K,Higashimura Y,Yasukawa Z,Okubo T,Inoue R,Honda A,Matsuzaki Y,Itoh Y

Synbiotic-like effect of linoleic acid overproducing Lactobacillus casei with berry phenolic extracts against pathogenesis of enterohemorrhagic Escherichia coli.

Gut pathogens , Volume: 11 2019

Authors Tabashsum Z,Peng M,Bernhardt C,Patel P,Carrion M,Biswas D

Effect of Bay Leaves Essential Oil Concentration on the Properties of Biodegradable Carboxymethyl Cellulose-Based Edible Films.

Materials (Basel, Switzerland) , Volume: 12 Issue: 15 2019 Jul 24

Authors Rincón E,Serrano L,Balu AM,Aguilar JJ,Luque R,García A

Dietary Factors and Modulation of Bacteria Strains of <i>Akkermansia muciniphila</i> and <i>Faecalibacterium prausnitzii</i>: A Systematic Review.

Nutrients , Volume: 11 Issue: 7 2019 Jul 11

Authors Verhoog S,Taneri PE,Roa Díaz ZM,Marques-Vidal P,Troup JP,Bally L,Franco OH,Glisic M,Muka T

Supplementation of diet with non-digestible oligosaccharides alters the intestinal microbiota, but not arthritis development, in IL-1 receptor antagonist deficient mice.

PloS one , Volume: 14 Issue: 7 2019

Authors Rogier R,Ederveen THA,Wopereis H,Hartog A,Boekhorst J,van Hijum SAFT,Knol J,Garssen J,Walgreen B,Helsen MM,van der Kraan PM,van Lent PLEM,van de Loo FAJ,Abdollahi-Roodsaz S,Koenders MI

Maternal Exposure to Non-nutritive Sweeteners Impacts Progeny's Metabolism and Microbiome.

Frontiers in microbiology , Volume: 10 2019

Authors Olivier-Van Stichelen S,Rother KI,Hanover JA

Dietary supplementation with probiotics regulates gut microbiota structure and function in Nile tilapia exposed to aluminum.

PeerJ , Volume: 7 2019

Authors Yu L,Qiao N,Li T,Yu R,Zhai Q,Tian F,Zhao J,Zhang H,Chen W

Effects of a formula with a probiotic Bifidobacterium lactis Supplement on the gut microbiota of low birth weight infants.

European journal of nutrition , Volume: 59 Issue: 4 2020 Jun

Authors Chi C,Xue Y,Liu R,Wang Y,Lv N,Zeng H,Buys N,Zhu B,Sun J,Yin C

Resveratrol attenuates high-fat diet-induced non-alcoholic steatohepatitis by maintaining gut barrier integrity and inhibiting gut inflammation through regulation of the endocannabinoid system.

Clinical nutrition (Edinburgh, Scotland) , 2019 May 30

Authors Chen M,Hou P,Zhou M,Ren Q,Wang X,Huang L,Hui S,Yi L,Mi M

Dietary Quercetin Increases Colonic Microbial Diversity and Attenuates Colitis Severity in <i>Citrobacter rodentium</i>-Infected Mice.

Frontiers in microbiology , Volume: 10 2019

Authors Lin R,Piao M,Song Y

Preventive Effects and Mechanisms of Garlic on Dyslipidemia and Gut Microbiome Dysbiosis.

Nutrients , Volume: 11 Issue: 6 2019 May 29

Authors Chen K,Xie K,Liu Z,Nakasone Y,Sakao K,Hossain A,Hou DX

The role of short-chain fatty acids in microbiota-gut-brain communication.

Nature reviews. Gastroenterology & hepatology , Volume: 16 Issue: 8 2019 Aug

Authors Dalile B,Van Oudenhove L,Vervliet B,Verbeke K

Fermented Momordica charantia L. juice modulates hyperglycemia, lipid profile, and gut microbiota in type 2 diabetic rats.

Food research international (Ottawa, Ont.) , Volume: 121 2019 Jul

Authors Gao H,Wen JJ,Hu JL,Nie QX,Chen HH,Xiong T,Nie SP,Xie MY

Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans.

The American journal of clinical nutrition , Volume: 109 Issue: 6 2019 Jun 1

Authors Hiel S, Bindels LB, Pachikian BD, Kalala G, Broers V, Zamariola G, Chang BPI, Kambashi B, Rodriguez J, Cani PD, Neyrinck AM, Thissen JP, Luminet O, Bindelle J, Delzenne NM

[Brevibacillus laterosporus strains BGSP7, BGSP9 and BGSP11 isolated from silage produce broad spectrum multi-antimicrobials.](#)

PloS one , Volume: 14 Issue: 5 2019

Authors Miljkovic M, Jovanovic S, O'Connor PM, Mirkovic N, Jovicic B, Filipic B, Dinic M, Studholme DJ, Fira D, Cotter PD, Kojic M

[Associations between usual diet and gut microbiota composition: results from the Milieu Intérieur cross-sectional study.](#)

The American journal of clinical nutrition , Volume: 109 Issue: 5 2019 May 1

Authors Partula V, Mondot S, Torres MJ, Kesse-Guyot E, Deschasaux M, Assmann K, Latino-Martel P, Buscail C, Julia C, Galan P, Hercberg S, Rouilly V, Thomas S, Quintana-Murci L, Albert ML, Duffy D, Lantz O, Touvier M, Milieu Intérieur Consortium

[Orally administered Lactobacillus casei exhibited several probiotic properties in artificially suckling rabbits.](#)

Asian-Australasian journal of animal sciences , Volume: 33 Issue: 8 2020 Aug 1

Authors Shen XM, Cui HX, Xu XR

[Lactobacillus fermentum species ameliorate dextran sulfate sodium-induced colitis by regulating the immune response and altering gut microbiota.](#)

Gut microbes , Volume: 10 Issue: 6 2019

Authors Jang YJ, Kim WK, Han DH, Lee K, Ko G

[Apple consumption is associated with a distinctive microbiota, proteomics and metabolomics profile in the gut of Dawley Sprague rats fed a high-fat diet.](#)

PloS one , Volume: 14 Issue: 3 2019

Authors Garcia-Mazcorro JF, Pedreschi R, Yuan J, Kawas JR, Chew B, Dowd SE, Noratto G

[Effects of dietary supplementation of probiotic Enterococcus faecium on growth performance and gut microbiota in weaned piglets.](#)

AMB Express , Volume: 9 Issue: 1 2019 Mar 1

Authors Hu C, Xing W, Liu X, Zhang X, Li K, Liu J, Deng B, Deng J, Li Y, Tan C

[Dietary Intake of Whole Strawberry Inhibited Colonic Inflammation in Dextran-Sulfate-Sodium-Treated Mice via Restoring Immune Homeostasis and Alleviating Gut Microbiota Dysbiosis.](#)

Journal of agricultural and food chemistry , Volume: 67 Issue: 33 2019 Aug 21

Authors Han Y, Song M, Gu M, Ren D, Zhu X, Cao X, Li F, Wang W, Cai X, Yuan B, Goulette T, Zhang G, Xiao H

[Intestinal Morphologic and Microbiota Responses to Dietary <i>Bacillus</i> spp. in a Broiler Chicken Model.](#)

Frontiers in physiology , Volume: 9 2018

Authors Li CL, Wang J, Zhang HJ, Wu SG, Hui QR, Yang CB, Fang RJ, Qi GH

[Functional Interactions between Gut Microbiota Transplantation, Quercetin, and High-Fat Diet Determine Non-Alcoholic Fatty Liver Disease Development in Germ-Free Mice.](#)

Molecular nutrition & food research , Volume: 63 Issue: 8 2019 Apr

Authors Porras D, Nistal E, Martínez-Flórez S, Olcoz JL, Jover R, Jorquera F, González-Gallego J, García-Mediavilla MV, Sánchez-Campos S

[The Inflammatory Response to Enterotoxigenic E. coli and Probiotic E. faecium in a Coculture Model of Porcine Intestinal Epithelial and Dendritic Cells.](#)

Mediators of inflammation , Volume: 2018 2018

Authors Loss H, Aschenbach JR, Tedin K, Ebner F, Lodemann U

[Linoleic Acids Overproducing Lactobacillus casei Limits Growth, Survival, and Virulence of Salmonella Typhimurium and Enterohaemorrhagic Escherichia coli.](#)

Frontiers in microbiology , Volume: 9 2018

Authors Peng M, Tabashum Z, Patel P, Bernhardt C, Biswas D

[Identification of factors involved in Enterococcus faecalis biofilm under quercetin stress.](#)

Microbial pathogenesis , Volume: 126 2019 Jan

Authors Qayyum S, Sharma D, Bisht D, Khan AU

[Strategies to promote abundance of <i>Akkermansia muciniphila</i>, an emerging probiotics in the gut, evidence from dietary intervention studies.](#)

Journal of functional foods , Volume: 33 2017 Jun

Authors Zhou K

[Inulin-type fructans improve active ulcerative colitis associated with microbiota changes and increased short-chain fatty acids levels.](#)

Gut microbes , 2018 Nov 5

Authors Valcheva R, Koleva P, Martínez I, Walter J, Gänzle MG, Dieleman LA

[Simultaneous Supplementation of <i>Bacillus subtilis</i> and Antibiotic Growth Promoters by Stages Improved Intestinal Function of Pullets by Altering Gut Microbiota.](#)

Frontiers in microbiology , Volume: 9 2018

Authors Li X,Wu S,Li X,Yan T,Duan Y,Yang X,Duan Y,Sun Q,Yang X

[Antidepressant Effects of Rosemary Extracts Associate With Anti-inflammatory Effect and Rebalance of Gut Microbiota.](#)

Frontiers in pharmacology , Volume: 9 2018

Authors Guo Y,Xie J,Li X,Yuan Y,Zhang L,Hu W,Luo H,Yu H,Zhang R

[Bifidobacterium adolescentis CGMCC 15058 alleviates liver injury, enhances the intestinal barrier and modifies the gut microbiota in D-galactosamine-treated rats.](#)

Applied microbiology and biotechnology , Volume: 103 Issue: 1 2019 Jan

Authors Li Y,Lv L,Ye J,Fang D,Shi D,Wu W,Wang Q,Wu J,Yang L,Bian X,Jiang X,Jiang H,Yan R,Peng C,Li L

[Determination of Antimicrobial Activity of Some Commercial Fruit \(Apple, Papaya, Lemon and Strawberry\) Against Bacteria Causing Urinary Tract Infection.](#)

European journal of microbiology & immunology , Volume: 8 Issue: 3 2018 Sep 28

Authors Liya SJ,Siddique R

[Supplemental Bacillus subtilis DSM 32315 manipulates intestinal structure and microbial composition in broiler chickens.](#)

Scientific reports , Volume: 8 Issue: 1 2018 Oct 18

Authors Ma Y,Wang W,Zhang H,Wang J,Zhang W,Gao J,Wu S,Qi G

[An exploratory study on the effect of daily fruits and vegetable juice on human gut microbiota.](#)

Food science and biotechnology , Volume: 27 Issue: 5 2018 Oct

Authors Choi YJ,Lee DH,Kim HS,Kim YK

[Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens.](#)

Natural product research , 2018 Oct 13

Authors Condò C,Anacarlo I,Sabia C,Iseppi R,Anfelli I,Forti L,de Niederhäusern S,Bondi M,Messi P

[Characterization of the Functional Changes in Mouse Gut Microbiome Associated with Increased *Akkermansia muciniphila* Population Modulated by Dietary Black Raspberries.](#)

ACS omega , Volume: 3 Issue: 9 2018 Sep 30

Authors Tu P,Bian X,Chi L,Gao B,Ru H,Knobloch TJ,Weghorst CM,Lu K

[The Phosphate Binder Ferric Citrate Alters the Gut Microbiome in Rats with Chronic Kidney Disease.](#)

The Journal of pharmacology and experimental therapeutics , Volume: 367 Issue: 3 2018 Dec

Authors Lau WL,Vaziri ND,Nunes ACF,Comeau AM,Langille MG,England W,Khazaeli M,Suematsu Y,Phan J,Whiteson K

[Effects of Whole Milk Supplementation on Gut Microbiota and Cardiometabolic Biomarkers in Subjects with and without Lactose Malabsorption.](#)

Nutrients , Volume: 10 Issue: 10 2018 Oct 2

Authors Li X,Yin J,Zhu Y,Wang X,Hu X,Bao W,Huang Y,Chen L,Chen S,Yang W,Shan Z,Liu L

[Effects of daily consumption of the probiotic Bifidobacterium animalis subsp. lactis CECT 8145 on anthropometric adiposity biomarkers in abdominally obese subjects: a randomized controlled trial.](#)

International journal of obesity (2005) , 2018 Sep 27

Authors Pedret A,Valls RM,Calderón-Pérez L,Llauradó E,Comanys J,Pla-Pagà L,Moragas A,Martín-Luján F,Ortega Y,Giralt M,Caimari A,Chenoll E,Genovés S,Martorell P,Codoñer FM,Ramón D,Arola L,Solà R

[Goji Berry Modulates Gut Microbiota and Alleviates Colitis in IL-10-Deficient Mice.](#)

Molecular nutrition & food research , Volume: 62 Issue: 22 2018 Nov

Authors Kang Y,Yang G,Zhang S,Ross CF,Zhu MJ

[Effects of in vitro gastrointestinal digestion and colonic fermentation on a rosemary \(Rosmarinus officinalis L\) extract rich in rosmarinic acid.](#)

Food chemistry , Volume: 271 2019 Jan 15

Authors Gonçalves GA,Corrêa RCG,Barros L,Dias MI,Calhelha RC,Correa VG,Bracht A,Peralta RM,Ferreira ICFR

[Lactobacillus acidophilus DDS-1 Modulates the Gut Microbiota and Improves Metabolic Profiles in Aging Mice.](#)

Nutrients , Volume: 10 Issue: 9 2018 Sep 6

Authors Vemuri R,Shinde T,Gundamaraju R,Gondalia SV,Karpe AV,Beale DJ,Martoni CJ,Eri R

[Probiotic *Lactobacillus plantarum* Promotes Intestinal Barrier Function by Strengthening the Epithelium and Modulating Gut Microbiota.](#)

Frontiers in microbiology , Volume: 9 2018

Authors Wang J, Ji H,Wang S,Liu H,Zhang W,Zhang D,Wang Y

[Effects of inulin supplementation to piglets in the suckling period on growth performance, postleal microbial and immunological traits in the suckling period and three weeks after weaning.](#)

Archives of animal nutrition , Volume: 72 Issue: 6 2018 Dec

Authors Li B,Schroyen M,Leblais J,Wavreille J,Soyeurt H,Bindelle J,Everaert N

[Investigating of Moringa Oleifera Role on Gut Microbiota Composition and Inflammation Associated with Obesity Following High Fat Diet Feeding.](#)

Open access Macedonian journal of medical sciences , Volume: 6 Issue: 8 2018 Aug 20

Authors Elabd EMY,Morsy SM,Elmalt HA

[Effects of Turmeric and Curcumin Dietary Supplementation on Human Gut Microbiota: A Double-Blind, Randomized, Placebo-Controlled Pilot Study.](#)**Journal of evidence-based integrative medicine , Volume: 23 2018 Jan-Dec**

Authors Peterson CT,Vaughn AR,Sharma V,Chopra D,Mills PJ,Peterson SN,Sivamani RK

[Impact of tart cherries polyphenols on the human gut microbiota and phenolic metabolites in vitro and in vivo.](#)**The Journal of nutritional biochemistry , Volume: 59 2018 Sep**

Authors Mayta-Apaza AC,Pottgen E,De Bodt J,Papp N,Marasini D,Howard L,Abranko L,Van de Wiele T,Lee SO,Carbonero F

[A Diverse Range of Human Gut Bacteria Have the Potential To Metabolize the Dietary Component Gallic Acid.](#)**Applied and environmental microbiology , Volume: 84 Issue: 19 2018 Oct 1**

Authors Esteban-Torres M,Santamaría L,Cabrera-Rubio R,Plaza-Vinuesa L,Crispie F,de Las Rivas B,Cotter P,Muñoz R

[Barley Products of Different Fiber Composition Selectively Change Microbiota Composition in Rats.](#)**Molecular nutrition & food research , Volume: 62 Issue: 19 2018 Oct**

Authors Teixeira C,Prykhodko O,Alminger M,Fåk Hållénus F,Nyman M

[Inulin fiber dose-dependently modulates energy balance, glucose tolerance, gut microbiota, hormones and diet preference in high-fat-fed male rats.](#)**The Journal of nutritional biochemistry , Volume: 59 2018 Sep**

Authors Singh A,Zapata RC,Pezeshki A,Reidelberger RD,Chelikani PK

[Pectin Alleviates High Fat \(Lard\) Diet-Induced Nonalcoholic Fatty Liver Disease in Mice: Possible Role of Short-Chain Fatty Acids and Gut Microbiota Regulated by Pectin.](#)**Journal of agricultural and food chemistry , 2018 Jul 20**

Authors Li W,Zhang K,Yang H

[Antimicrobial Activity of Five Essential Oils against Bacteria and Fungi Responsible for Urinary Tract Infections.](#)**Molecules (Basel, Switzerland) , Volume: 23 Issue: 7 2018 Jul 9**

Authors Ebani WV,Nardoni S,Bertelloni F,Pistelli L,Mancianti F

[Encapsulation of green tea polyphenol by pH responsive, antibacterial, alginate microgels used for minimally invasive treatment of bone infection.](#)**Colloids and surfaces. B, Biointerfaces , Volume: 170 2018 Oct 1**

Authors Chen Z,Lv X,Zhao M,Zhang P,Ren X,Mei X

[Bifidobacterium bifidum TMC3115 Can Characteristically Influence Glucose and Lipid Profile and Intestinal Microbiota in the Middle-Aged and Elderly.](#)**Probiotics and antimicrobial proteins , 2018 Jul 5**

Authors Wang K,Yu X,Li Y,Guo Y,Ge L,Pu F,Ma X,Cui W,Marrota F,He F,Li M

[High Fructose Intake During Pregnancy in Rats Influences the Maternal Microbiome and Gut Development in the Offspring.](#)**Frontiers in genetics , Volume: 9 2018**

Authors Astbury S,Song A,Zhou M,Nielsen B,Hoedl A,Willing BP,Symonds ME,Bell RC

[Beneficial effects of the commercial lactic acid bacteria product, Vigis 101, on gastric mucosa and intestinal bacterial flora in rats.](#)**Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi , 2018 Jun 23**

Authors Kao L,Liu TH,Tsai TY,Pan TM

[Effects of garlic polysaccharide on alcoholic liver fibrosis and intestinal microflora in mice.](#)**Pharmaceutical biology , Volume: 56 Issue: 1 2018 Dec**

Authors Wang Y,Guan M,Zhao X,Li X

[Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans.](#)**Anaerobe , Volume: 52 2018 Aug**

Authors Adamberg K,Adamberg S,Ernits K,Larionova A,Voor T,Jaagura M,Visnapuu T,Alamäe T

[Anti-inflammatory and antibacterial evaluation of Thymus sipyleus Boiss. subsp. sipyleus var. sipyleus essential oil against rhinosinusitis pathogens.](#)**Microbial pathogenesis , Volume: 122 2018 Sep**

Authors Demirci F,Karaca N,Tekin M,Demirci B

[High-Glucose or -Fructose Diet Cause Changes of the Gut Microbiota and Metabolic Disorders in Mice without Body Weight Change.](#)**Nutrients , Volume: 10 Issue: 6 2018 Jun 13**

Authors Do MH,Lee E,Oh MJ,Kim Y,Park HY

[Obesity treatment by epigallocatechin-3-gallate-regulated bile acid signaling and its enriched Akkermansia muciniphila.](#)**FASEB journal : official publication of the Federation of American Societies for Experimental Biology , Volume: 32**

Issue: 12 2018 Jun 8

Authors Sheng L, Jena PK, Liu HX, Hu Y, Nagar N, Bronner DN, Settles ML, Bäumlér AJ, Wan YY

In Vivo Anti-Inflammatory, Anti-Bacterial and Anti-Diarrhoeal Activity of Ziziphus Jujuba Fruit Extract.

Open access Macedonian journal of medical sciences , Volume: 6 Issue: 5 2018 May 20

Authors Mesaik AM, Poh HW, Bin OY, Elawad I, Alsayed B

Identification of Phenolic Compounds-Rich Grape Pomace Extracts Urine Metabolites and Correlation with Gut Microbiota Modulation.

Antioxidants (Basel, Switzerland) , Volume: 7 Issue: 6 2018 Jun 4

Authors Chacar S, Tarighi M, Fares N, Faivre JF, Louka N, Maroun RG

Role of probiotics in the treatment of minimal hepatic encephalopathy in patients with HBV-induced liver cirrhosis.

The Journal of international medical research , Volume: 46 Issue: 9 2018 Sep

Authors Xia X, Chen J, Xia J, Wang B, Liu H, Yang L, Wang Y, Ling Z

Antagonistic effect of isolated probiotic bacteria from natural sources against intestinal Escherichia coli pathotypes.

Electronic physician , Volume: 10 Issue: 3 2018 Mar

Authors Karimi S, Rashidian E, Birjandi M, Mahmoodnia L

Dietary fiber intervention on gut microbiota composition in healthy adults: a systematic review and meta-analysis.

The American journal of clinical nutrition , Volume: 107 Issue: 6 2018 Jun 1

Authors So D, Whelan K, Rossi M, Morrison M, Holtmann G, Kelly JT, Shanahan ER, Staudacher HM, Campbell KL

Catechin supplemented in a FOS diet induces weight loss by altering cecal microbiota and gene expression of colonic epithelial cells.

Food & function , Volume: 9 Issue: 5 2018 May 23

Authors Luo J, Han L, Liu L, Gao L, Xue B, Wang Y, Ou S, Miller M, Peng X

Microbiome Responses to an Uncontrolled Short-Term Diet Intervention in the Frame of the Citizen Science Project.

Nutrients , Volume: 10 Issue: 5 2018 May 8

Authors Klimenko NS, Tyakht AV, Popenko AS, Vasiliev AS, Altukhov IA, Ischenko DS, Shashkova TI, Efimova DA, Nikogosov DA, Osipenko DA, Musienko SV, Selezneva KS, Baranova A, Kurilshikov AM, Toshchakov SM, Korzhenkov AA, Samarov NI, Shevchenko MA, Tepluk AV, Alexeev DG

Screening and characterization of selected drugs having antibacterial potential.

Pakistan journal of pharmaceutical sciences , Volume: 31 Issue: 3 2018 May

Authors Javed H, Tabassum S, Erum S, Murtaza I, Muhammad A, Amin F, Nisar MF

Modifications in gut microbiota and fermentation metabolites in the hindgut of rats after the consumption of galactooligosaccharide glycated with a fish peptide.

Food & function , Volume: 9 Issue: 5 2018 May 1

Authors Jin W, Han K, Dong S, Yang Y, Mao Z, Su M, Zeng M

The Endotoxemia Marker Lipopolysaccharide-Binding Protein is Reduced in Overweight-Obese Subjects Consuming Pomegranate Extract by Modulating the Gut Microbiota: A Randomized Clinical Trial.

Molecular nutrition & food research , 2018 Apr 17

Authors González-Sarriás A, Romo-Vaquero M, García-Villalba R, Cortés-Martín A, Selma MV, Espín JC

The bacterium Pseudomonas aeruginosa senses and gradually responds to interspecific competition for iron.

Evolution; international journal of organic evolution , 2018 Apr 17

Authors Leinweber A, Weigert M, Kümmerli R

Smoking and the intestinal microbiome.

Archives of microbiology , Volume: 200 Issue: 5 2018 Jul

Authors Savin Z, Kivity S, Yonath H, Yehuda S

Lactobacillus plantarum MTCC 9510 supplementation protects from chronic unpredictable and sleep deprivation-induced behaviour, biochemical and selected gut microbial aberrations in mice.

Journal of applied microbiology , Volume: 125 Issue: 1 2018 Jul

Authors Dhaliwal J, Singh DP, Singh S, Pinnaka AK, Boparai RK, Bishnoi M, Kondepudi KK, Chopra K

Effects of dietary *Bacillus amyloliquefaciens* supplementation on growth performance, intestinal morphology, inflammatory response, and microbiota of intra-uterine growth retarded weanling piglets.

Journal of animal science and biotechnology , Volume: 9 2018

Authors Li Y, Zhang H, Su W, Ying Z, Chen Y, Zhang L, Lu Z, Wang T

Molecular Modelling reveals the inhibition mechanism and structure-activity relationship of curcumin and its analogues to Staphylococcal aureus Sortase A.

Journal of biomolecular structure & dynamics , Volume: 37 Issue: 5 2019 Mar

Authors Niu X, Gao Y, Yu Y, Yang Y, Wang G, Sun L, Wang H

Whole Tibetan Hull-Less Barley Exhibit Stronger Effect on Promoting Growth of Genus Bifidobacterium than Refined Barley In Vitro.

Journal of food science , Volume: 83 Issue: 4 2018 Apr

Authors Gong L,Cao W,Gao J,Wang J,Zhang H,Sun B,Yin M

[Inulin-type fructan improves diabetic phenotype and gut microbiota profiles in rats.](#)

PeerJ , Volume: 6 2018

Authors Zhang Q,Yu H,Xiao X,Hu L,Xin F,Yu X

[Enhancing syntrophic associations among *Clostridium butyricum*, *Syntrophomonas* and two types of methanogen by zero valent iron in an anaerobic assay with a high organic loading.](#)

Bioresource technology , Volume: 257 2018 Jun

Authors Kong X,Yu S,Fang W,Liu J,Li H

[Fermentation of non-digestible raffinose family oligosaccharides and galactomannans by probiotics.](#)

Food & function , Volume: 9 Issue: 3 2018 Mar 1

Authors Zartl B,Silberbauer K,Loeppert R,Viernstein H,Praznik W,Mueller M

[Effects of a galacto-oligosaccharide-rich diet on fecal microbiota and metabolite profiles in mice.](#)

Food & function , 2018 Feb 21

Authors Cheng W,Lu J,Lin W,Wei X,Li H,Zhao X,Jiang A,Yuan J

[Essential oils from *Origanum vulgare* and *Salvia officinalis* exhibit antibacterial and anti-biofilm activities against *Streptococcus pyogenes*.](#)

Microbial pathogenesis , Volume: 117 2018 Apr

Authors Wijesundara NM,Rupasinghe HPV

[Phytochemical screening and biological activity of Lamiaceae family plant extracts.](#)

Experimental and therapeutic medicine , Volume: 15 Issue: 2 2018 Feb

Authors Cocan I,Alexa E,Danciu C,Radulov I,Galuscan A,Obistoiu D,Morvay AA,Sumalan RM,Poiana MA,Pop G,Dehelean CA

[Potential of *Lactobacillus plantarum* ZDY2013 and *Bifidobacterium bifidum* WBIN03 in relieving colitis by gut microbiota, immune, and anti-oxidative stress.](#)

Canadian journal of microbiology , 2018 Feb 5

Authors Wang Y,Guo Y,Chen H,Wei H,Wan C

[Effects of Blackcurrant and Dietary Fibers on Large Intestinal Health Biomarkers in Rats.](#)

Plant foods for human nutrition (Dordrecht, Netherlands) , Volume: 73 Issue: 1 2018 Mar

Authors Paturi G,Butts CA,Monro JA,Hedderley D

[Chemoprevention of colorectal cancer by black raspberry anthocyanins involved the modulation of gut microbiota and SFRP2 demethylation.](#)

Carcinogenesis , 2018 Jan 19

Authors Chen L,Jiang B,Zhong C,Guo J,Zhang L,Mu T,Zhang Q,Bi X

[The modulatory effect of polyphenols from green tea, oolong tea and black tea on human intestinal microbiota in vitro.](#)

Journal of food science and technology , Volume: 55 Issue: 1 2018 Jan

Authors Sun H,Chen Y,Cheng M,Zhang X,Zheng X,Zhang Z

[Transferrin and Lactoferrin - Human Iron Sources for Enterococci.](#)

Polish journal of microbiology , Volume: 66 Issue: 4 2017 Dec 4

Authors Lisiecki P

[Effect of dark sweet cherry powder consumption on the gut microbiota, short-chain fatty acids, and biomarkers of gut health in obese db/db mice.](#)

PeerJ , Volume: 6 2018

Authors Garcia-Mazcorro JF,Lage NN,Mertens-Talcott S,Talcott S,Chew B,Dowd SE,Kawas JR,Noratto GD

[Habitual dietary fibre intake influences gut microbiota response to an inulin-type fructan prebiotic: a randomised, double-blind, placebo-controlled, cross-over, human intervention study.](#)

The British journal of nutrition , Volume: 119 Issue: 2 2018 Jan

Authors Healey G,Murphy R,Butts C,Brough L,Whelan K,Coad J

[Thymus mastichina L. essential oils from Murcia \(Spain\): Composition and antioxidant, antienzymatic and antimicrobial bioactivities.](#)

PloS one , Volume: 13 Issue: 1 2018

Authors Cutillas AB,Carrasco A,Martinez-Gutierrez R,Tomas V,Tudela J

[Bacteriostatic Effect of Quercetin as an Antibiotic Alternative In Vivo and Its Antibacterial Mechanism In Vitro.](#)

Journal of food protection , Volume: 81 Issue: 1 2018 Jan

Authors Wang S,Yao J,Zhou B,Yang J,Chaudry MT,Wang M,Xiao F,Li Y,Yin W

[Effects of fermented soymilk with *Lactobacillus casei* Shirota on skin condition and the gut microbiota: a randomised clinical pilot trial.](#)

Beneficial microbes , Volume: 9 Issue: 2 2018 Feb 27

Authors Nagino T,Kaga C,Kano M,Masuoka N,Anbe M,Moriyama K,Maruyama K,Nakamura S,Shida K,Miyazaki K

The Impact of Long-Term Intake of Phenolic Compounds-Rich Grape Pomace on Rat Gut Microbiota.**Journal of food science** , Volume: 83 Issue: 1 2018 Jan

Authors Chacar S,Itani T,Hajal J,Saliba Y,Louka N,Faivre JF,Maroun R,Fares N

Effects of Lactobacillus acidophilus on gut microbiota composition in broilers challenged with Clostridium perfringens.**PloS one** , Volume: 12 Issue: 11 2017

Authors Li Z,Wang W,Liu D,Guo Y

Bifidobacterium infantis Potentially Alleviates Shrimp Tropomyosin-Induced Allergy by Tolerogenic Dendritic Cell-Dependent Induction of Regulatory T Cells and Alterations in Gut Microbiota.**Frontiers in immunology** , Volume: 8 2017

Authors Fu L,Song J,Wang C,Fu S,Wang Y

Balancing Herbal Medicine and Functional Food for Prevention and Treatment of Cardiometabolic Diseases through Modulating Gut Microbiota.**Frontiers in microbiology** , Volume: 8 2017

Authors Lyu M,Wang YF,Fan GW,Wang XY,Xu SY,Zhu Y

A combination of quercetin and resveratrol reduces obesity in high-fat diet-fed rats by modulation of gut microbiota.**Food & function** , Volume: 8 Issue: 12 2017 Dec 13

Authors Zhao L,Zhang Q,Ma W,Tian F,Shen H,Zhou M

An *in vitro* Comparative Evaluation of Efficacy of Disinfecting Ability of Garlic Oil, Neem Oil, Clove Oil, and Tulsi Oil with autoclaving on Endodontic K Files tested against *Enterococcus faecalis*.**International journal of clinical pediatric dentistry** , Volume: 10 Issue: 3 2017 Jul-Sep

Authors Hugar S,M Patel P,Nagmoti J,Uppin C,Mistry L,Dhariwal N

Lactobacillus plantarum HNU082-derived improvements in the intestinal microbiome prevent the development of hyperlipidaemia.**Food & function** , Volume: 8 Issue: 12 2017 Dec 13

Authors Shao Y,Huo D,Peng Q,Pan Y,Jiang S,Liu B,Zhang J

In-vitro antimicrobial activity and identification of bioactive components using GC-MS of commercially available essential oils in Saudi Arabia.**Journal of food science and technology** , Volume: 54 Issue: 12 2017 Nov

Authors Ashraf SA,Al-Shammari E,Hussain T,Tajuddin S,Panda BP

The effects of iron fortification and supplementation on the gut microbiome and diarrhea in infants and children: a review.**The American journal of clinical nutrition** , Volume: 106 Issue: Suppl 6 2017 Dec

Authors Paganini D,Zimmermann MB

Characterization of fecal fat composition and gut derived fecal microbiota in high-fat diet fed rats following intervention with chito-oligosaccharide and resistant starch complexes.**Food & function** , Volume: 8 Issue: 12 2017 Dec 13

Authors Shang W,Si X,Zhou Z,Li Y,Strappe P,Blanchard C

Bifidobacterium longum BB536 alleviated upper respiratory illnesses and modulated gut microbiota profiles in Malaysian pre-school children.**Beneficial microbes** , Volume: 9 Issue: 1 2018 Jan 29

Authors Lau AS,Yanagisawa N,Hor YY,Lew LC,Ong JS,Chuah LO,Lee YY,Choi SB,Rashid F,Wahid N,Sugahara H,Xiao JZ,Liong MT

Effects of microencapsulated Lactobacillus plantarum LIP-1 on the gut microbiota of hyperlipidaemic rats.**The British journal of nutrition** , Volume: 118 Issue: 7 2017 Oct

Authors Song JJ,Tian WJ,Kwok LY,Wang YL,Shang YN,Menghe B,Wang JG

Effect of Functional Oligosaccharides and Ordinary Dietary Fiber on Intestinal Microbiota Diversity.**Frontiers in microbiology** , Volume: 8 2017

Authors Cheng W,Lu J,Li B,Lin W,Zhang Z,Wei X,Sun C,Chi M,Bi W,Yang B,Jiang A,Yuan J

Prebiotics Mediate Microbial Interactions in a Consortium of the Infant Gut Microbiome.**International journal of molecular sciences** , Volume: 18 Issue: 10 2017 Oct 4

Authors Medina DA,Pinto F,Ovalle A,Thomson P,Garrido D

Antimicrobial Activity of Honey with Special Reference to Methicillin Resistant Staphylococcus aureus (MRSA) and Methicillin Sensitive Staphylococcus aureus (MSSA).**Journal of clinical and diagnostic research : JCDR** , Volume: 11 Issue: 8 2017 Aug

Authors Rani GN,Budumuru R,Bandaru NR

Whole-Grain Starch and Fiber Composition Modifies Ileal Flow of Nutrients and Nutrient Availability in the Hindgut, Shifting Fecal Microbial Profiles in Pigs.**The Journal of nutrition** , Volume: 147 Issue: 11 2017 Nov

Authors Fohse JM,Gänzle MG,Beattie AD,Vasanthan T,Zijlstra RT

Lactobacillus fermentum FTDC 8312 combats hypercholesterolemia via alteration of gut microbiota.

Journal of biotechnology , Volume: 262 2017 Nov 20

Authors Lye HS,Kato T,Low WY,Taylor TD,Prakash T,Lew LC,Ohno H,Liong MT

Synergistic effect of *Carum copticum* and *Mentha piperita* essential oils with ciprofloxacin, vancomycin, and gentamicin on Gram-negative and Gram-positive bacteria.

International journal of pharmaceutical investigation , Volume: 7 Issue: 2 2017 Apr-Jun

Authors Talei GR,Mohammadi M,Bahmani M,Kopaei MR

Antibacterial activity and interactions of plant essential oil combinations against Gram-positive and Gram-negative bacteria.

Journal of food and drug analysis , Volume: 25 Issue: 2 2017 Apr

Authors Semeniac CA,Pop CR,Rotar AM

Bifidobacteria exert species-specific effects on constipation in BALB/c mice.

Food & function , Volume: 8 Issue: 10 2017 Oct 18

Authors Wang L,Hu L,Xu Q,Jiang T,Fang S,Wang G,Zhao J,Zhang H,Chen W

A yeast fermentate improves gastrointestinal discomfort and constipation by modulation of the gut microbiome: results from a randomized double-blind placebo-controlled pilot trial.

BMC complementary and alternative medicine , Volume: 17 Issue: 1 2017 Sep 4

Authors Pinheiro I,Robinson L,Verhelst A,Marzorati M,Winkens B,den Abbeele PV,Possemiers S

Lactobacillus plantarum LP-Only alters the gut flora and attenuates colitis by inducing microbiome alteration in interleukin-10 knockout mice.

Molecular medicine reports , Volume: 16 Issue: 5 2017 Nov

Authors Chen H,Xia Y,Zhu S,Yang J,Yao J,Di J,Liang Y,Gao R,Wu W,Yang Y,Shi C,Hu D,Qin H,Wang Z

Bifidobacterium pseudocatenulatum L109 and Bifidobacterium catenulatum L110 attenuate D-galactosamine-induced liver injury by modifying the gut microbiota

Scientific Reports , Volume: 7 2017 Aug 18

Authors Fang D,Shi D,Lv L,Gu S,Wu W,Chen Y,Guo J,Li A,Hu X,Guo F,Ye J,Li Y,Li L

Regulative effects of curcumin spice administration on gut microbiota and its pharmacological implications.

Food & nutrition research , Volume: 61 Issue: 1 2017

Authors Shen L,Liu L, Ji HF

Dietary Propolis Ameliorates Dextran Sulfate Sodium-Induced Colitis and Modulates the Gut Microbiota in Rats Fed a Western Diet.

Nutrients , Volume: 9 Issue: 8 2017 Aug 14

Authors Wang K,Jin X,You M,Tian W,Le Leu RK,Topping DL,Conlon MA,Wu L,Hu F

Variation on Composition and Bioactivity of Essential Oils of Four Common Curcuma Herbs.

Chemistry & biodiversity , Volume: 14 Issue: 11 2017 Nov

Authors Zhang L,Yang Z,Chen D,Huang Z,Li Y,Lan X,Su P,Pan W,Zhou W,Zheng X,Du Z

Lactobacillus casei CCFM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism.

Food & function , Volume: 8 Issue: 9 2017 Sep 20

Authors Wang G,Li X,Zhao J,Zhang H,Chen W

Disruption in the cecal microbiota of chickens challenged with Clostridium perfringens and other factors was alleviated by Bacillus licheniformis supplementation.

PloS one , Volume: 12 Issue: 8 2017

Authors Lin Y,Xu S,Zeng D,Ni X,Zhou M,Zeng Y,Wang H,Zhou Y,Zhu H,Pan K,Li G

Screening bioactivity and bioactive constituents of Nordic unifloral honeys.

Food chemistry , Volume: 237 2017 Dec 15

Authors Salonen A,Virjamo V,Tammela P,Fauch L,Julkunen-Tiitto R

Specific Signatures of the Gut Microbiota and Increased Levels of Butyrate in Children Treated with Fermented Cow's Milk Containing Heat-Killed Lactobacillus paracasei CBA L74.

Applied and environmental microbiology , Volume: 83 Issue: 19 2017 Oct 1

Authors Berni Canani R,De Filippis F,Nocerino R,Laiola M,Paparo L,Calignano A,De Caro C,Coretti L,Chiariotti L,Gilbert JA,Ercolini D

Black Raspberries and Their Anthocyanin and Fiber Fractions Alter the Composition and Diversity of Gut Microbiota in F-344 Rats.

Nutrition and cancer , Volume: 69 Issue: 6 2017 Aug-Sep

Authors Pan P,Lam V,Salzman N,Huang YW,Yu J,Zhang J,Wang LS

Association of Silver Nanoparticles and Curcumin Solid Dispersion: Antimicrobial and Antioxidant Properties.

AAPS PharmSciTech , Volume: 19 Issue: 1 2018 Jan

Authors Alves TF,Chaud MV,Grotto D,Jozala AF,Pandit R,Rai M,Dos Santos CA

Prebiotic Potential and Chemical Composition of Seven Culinary Spice Extracts.

Journal of food science , Volume: 82 Issue: 8 2017 Aug

Authors Lu QY,Summanen PH, Lee RP,Huang J,Henning SM,Heber D,Finogold SM,Li Z

[Monitoring *in vitro* antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria.](#)

Integrative medicine research , Volume: 3 Issue: 3 2014 Sep

Authors Rath S,Padhy RN

[Next generation sequencing of oral microbiota in Type 2 diabetes mellitus prior to and after neem stick usage and correlation with serum monocyte chemoattractant-1.](#)

Diabetes research and clinical practice , Volume: 130 2017 Aug

Authors Anbalagan R,Srikanth P,Mani M,Barani R,Seshadri KG,Janarthanan R

[Evaluation of antimicrobial activity of Curcuma longa rhizome extract against Staphylococcus aureus.](#)

Biotechnology reports (Amsterdam, Netherlands) , Volume: 6 2015 Jun

Authors Gupta A,Mahajan S,Sharma R

[Effect of Sweetened Dried Cranberry Consumption on Urinary Proteome and Fecal Microbiome in Healthy Human Subjects.](#)

Omics : a journal of integrative biology , Volume: 22 Issue: 2 2018 Feb

Authors Bekiares N,Krueger CG,Meudt JJ,Shanmuganayagam D,Reed JD

[Gastrointestinal Simulation Model TWIN-SHIME Shows Differences between Human Urolithin-Metabotypes in Gut Microbiota Composition, Pomegranate Polyphenol Metabolism, and Transport along the Intestinal Tract.](#)

Journal of agricultural and food chemistry , Volume: 65 Issue: 27 2017 Jul 12

Authors Garcia-Villalba R,Vissenaekens H,Pitart J,Romo-Vaquero M,Espín JC,Grootaert C,Selma MV,Raes K,Smagghe G,Possemiers S, Van Camp J,Tomas-Barberan FA

[Inhibition of Pseudomonas aeruginosa quorum sensing by subinhibitory concentrations of curcumin with gentamicin and azithromycin.](#)

Journal of global antimicrobial resistance , Volume: 10 2017 Sep

Authors Bahari S,Zeighami H,Mirshahabi H,Roudashti S,Haghi F

[Green synthesis of tea Ag nanocomposite hydrogels via mint leaf extraction for effective antibacterial activity.](#)

Journal of biomaterials science. Polymer edition , Volume: 28 Issue: 14 2017 Oct

Authors Jayaramudu T,Varaprasad K,Raghavendra GM,Sadiku ER,Mohana Raju K,Amalraj J

[Association between Yogurt Consumption and Intestinal Microbiota in Healthy Young Adults Differs by Host Gender.](#)

Frontiers in microbiology , Volume: 8 2017

Authors Suzuki Y,Ikeda K,Sakuma K,Kawai S,Sawaki K,Asahara T,Takahashi T,Tsuji H,Nomoto K,Nagpal R,Wang C,Nagata S,Yamashiro Y

[Recovery of ethanol-induced *Akkermansia muciniphila* depletion ameliorates alcoholic liver disease.](#)

Gut , 2017 May 26

Authors Grander C,Adolph TE,Wieser V,Lowe P,Wrzosek L,Gyongyosi B,Ward DV,Grabherr F,Gerner RR,Pfister A,Enrich B,Ciocan D,Macheiner S,Mayr L,Drach M,Moser P,Moschen AR,Perlemuter G,Szabo G,Cassard AM,Tilg H

[Effects of Commercial Apple Varieties on Human Gut Microbiota Composition and Metabolic Output Using an In Vitro Colonic Model.](#)

Nutrients , Volume: 9 Issue: 6 2017 May 24

Authors Koutsos A,Lima M,Conterno L,Gasperotti M,Bianchi M,Fava F,Vrhovsek U,Lovegrove JA,Tuohy KM

[Health benefit of vegetable/fruit juice-based diet: Role of microbiome](#)

Scientific Reports , Volume: 7 2017 May 19

Authors Henning SM,Yang J,Shao P, Lee RP,Huang J,Ly A,Hsu M,Lu QY,Thames G,Heber D,Li Z

[The effects of micronutrient deficiencies on bacterial species from the human gut microbiota.](#)

Science translational medicine , Volume: 9 Issue: 390 2017 May 17

Authors Hibberd MC,Wu M,Rodionov DA,Li X,Cheng J,Griffin NW,Barratt MJ,Giannone RJ,Hettich RL,Osterman AL,Gordon JI

[Effect of *Lactobacillus rhamnosus* HN001 and *Bifidobacterium longum* BB536 on the healthy gut microbiota composition at phyla and species level: A preliminary study.](#)

World journal of gastroenterology , Volume: 23 Issue: 15 2017 Apr 21

Authors Toscano M,De Grandi R,Stronati L,De Vecchi E,Drago L

[Effects of different oligosaccharides at various dosages on the composition of gut microbiota and short-chain fatty acids in mice with constipation.](#)

Food & function , Volume: 8 Issue: 5 2017 May 24

Authors Wang L,Hu L,Yan S,Jiang T,Fang S,Wang G,Zhao J,Zhang H,Chen W

[Effect of dietary supplementation with Lactobacillus acidophilus D2/CSL \(CECT 4529\) on caecum microbioma and productive performance in broiler chickens.](#)

PloS one , Volume: 12 Issue: 5 2017

Authors De Cesare A,Sirri F,Manfreda G,Moniaci P,Giardini A,Zampiga M,Meluzzi A

[Effect of *Bacillus subtilis* and *Bacillus licheniformis* supplementation in diets with low- and high-protein](#)

[content on ileal crude protein and amino acid digestibility and intestinal microbiota composition of growing pigs.](#)

Journal of animal science and biotechnology , Volume: 8 2017

Authors Kaewtapee C,Burbach K,Tomforde G,Hartinger T,Camarinha-Silva A,Heinritz S,Seifert J,Wiltschky M,Mosenthin R,Rosenfelder-Kuon P

[Effect of a probiotic beverage consumption \(Enterococcus faecium CRL 183 and Bifidobacterium longum ATCC 15707\) in rats with chemically induced colitis.](#)

PloS one , Volume: 12 Issue: 4 2017

Authors Celiberto LS,Bedani R,Dejani NN,Ivo de Medeiros A,Sampaio Zuanon JA,Spolidorio LC,Tallarico Adorno MA,Amâncio Varesche MB,Carrilho Galvão F,Valentini SR,Font de Valdez G,Rossi EA,Cavallini DCU

[Sucralose Increases Antimicrobial Resistance and Stimulates Recovery of Escherichia coli Mutants.](#)

Current microbiology , Volume: 74 Issue: 7 2017 Jul

Authors Qu Y,Li R,Jiang M,Wang X

[Inulin with different degrees of polymerization modulates composition of intestinal microbiota in mice.](#)

FEMS microbiology letters , Volume: 364 Issue: 10 2017 May 1

Authors Zhu L,Qin S,Zhai S,Gao Y,Li L

[The In Vitro and In Vivo Effect of Carvacrol in Preventing Campylobacter Infection, Colonization and in Improving Productivity of Chicken Broilers.](#)

Foodborne pathogens and disease , Volume: 14 Issue: 6 2017 Jun

Authors Kelly C,Gundogdu O,Pircalabioru G,Cean A,Scates P,Linton M,Pinkerton L,Magowan E,Stef L,Simiz E,Pet I,Stewart S,Stabler R,Wren B,Dorrell N,Corcionivoschi N

[Zingiber officinale: Its antibacterial activity on Pseudomonas aeruginosa and mode of action evaluated by flow cytometry.](#)

Microbial pathogenesis , Volume: 107 2017 Jun

Authors Chakotiya AS,Tanwar A,Narula A,Sharma RK

[Influence of diet on the gut microbiome and implications for human health.](#)

Journal of translational medicine , Volume: 15 Issue: 1 2017 Apr 8

Authors Singh RK,Chang HW,Yan D,Lee KM,Ucmak D,Wong K,Abrouk M,Farahnik B,Nakamura M,Zhu TH,Bhutani T,Liao W

[Carbohydrate Staple Food Modulates Gut Microbiota of Mongolians in China.](#)

Frontiers in microbiology , Volume: 8 2017

Authors Li J,Hou Q,Zhang J,Xu H,Sun Z,Menghe B,Zhang H

[Good Bugs vs Bad Bugs: Evaluation of Inhibitory Effect of Selected Probiotics against Enterococcus faecalis.](#)

The journal of contemporary dental practice , Volume: 18 Issue: 4 2017 Apr 1

Authors Bohora AA,Kokate SR

[Evaluation of Phenolic Compounds and Antioxidant and Antimicrobial Activities of Some Common Herbs.](#)

International journal of analytical chemistry , Volume: 2017 2017

Authors Abdul Qadir M,Shahzadi SK,Bashir A,Munir A,Shahzad S

[Effect of Whole Grain Qingke \(Tibetan Hordeum vulgare L. Zangqing 320\) on the Serum Lipid Levels and Intestinal Microbiota of Rats under High-Fat Diet.](#)

Journal of agricultural and food chemistry , Volume: 65 Issue: 13 2017 Apr 5

Authors Xia X,Li G,Ding Y,Ren T,Zheng J,Kan J

[Effect of dietary polyphenol-rich grape seed on growth performance, antioxidant capacity and ileal microflora in broiler chicks.](#)

Journal of animal physiology and animal nutrition , Volume: 102 Issue: 1 2018 Feb

Authors Abu Hafsa SH,Ibrahim SA

[Influence of ad Libitum Feeding of Piglets With Bacillus Subtilis Fermented Liquid Feed on Gut Flora, Luminal Contents and Health.](#)

Scientific reports , Volume: 7 2017 Mar 14

Authors He Y,Mao C,Wen H,Chen Z,Lai T,Li L,Lu W,Wu H

[Apple Polysaccharide inhibits microbial dysbiosis and chronic inflammation and modulates gut permeability in HFD-fed rats.](#)

International journal of biological macromolecules , Volume: 99 2017 Jun

Authors Wang S,Li Q,Zang Y,Zhao Y,Liu N,Wang Y,Xu X,Liu L,Mei Q

[Specific inulin-type fructan fibers protect against autoimmune diabetes by modulating gut immunity, barrier function, and microbiota homeostasis.](#)

Molecular nutrition & food research , Volume: 61 Issue: 8 2017 Aug

Authors Chen K,Chen H,Faas MM,de Haan BJ,Li J,Xiao P,Zhang H,Diana J,de Vos P,Sun J

[Prebiotic inulin-type fructans induce specific changes in the human gut microbiota.](#)

Gut , Volume: 66 Issue: 11 2017 Nov

Authors Vandeputte D,Falony G,Vieira-Silva S,Wang J,Sailer M,Theis S,Verbeke K,Raes J

Of the milk sugars, galactose, but not prebiotic galacto-oligosaccharide, improves insulin sensitivity in male Sprague-Dawley rats.

PloS one , Volume: 12 Issue: 2 2017

Authors Stahl P, Kim JJ, Xiao C, Cant JP

Synergistic activity of sub-inhibitory concentrations of curcumin with ceftazidime and ciprofloxacin against Pseudomonas aeruginosa quorum sensing related genes and virulence traits.

World journal of microbiology & biotechnology , Volume: 33 Issue: 3 2017 Mar

Authors Roudashti S, Zeighami H, Mirshahabi H, Bahari S, Soltani A, Haghi F

Characterization of ginger essential oil/palygorskite composite (GEO-PGS) and its anti-bacteria activity.

Materials science & engineering. C, Materials for biological applications , Volume: 73 2017 Apr 1

Authors Lei H, Wei Q, Wang Q, Su A, Xue M, Liu Q, Hu Q

Microbial shifts in the porcine distal gut in response to diets supplemented with Enterococcus Faecalis as alternatives to antibiotics.

Scientific reports , Volume: 7 2017 Feb 6

Authors Li P, Niu Q, Wei Q, Zhang Y, Ma X, Kim SW, Lin M, Huang R

Drunk bugs: Chronic vapour alcohol exposure induces marked changes in the gut microbiome in mice.

Behavioural brain research , Volume: 323 2017 Apr 14

Authors Peterson VL, Jury NJ, Cabrera-Rubio R, Draper LA, Crispie F, Cotter PD, Dinan TG, Holmes A, Cryan JF

Characterization of faecal microbial communities of dairy cows fed diets containing ensiled Moringa oleifera fodder.

Scientific reports , Volume: 7 2017 Jan 30

Authors Sun J, Zeng B, Chen Z, Yan S, Huang W, Sun B, He Q, Chen X, Chen T, Jiang Q, Xi Q, Zhang Y

Bovine milk oligosaccharides decrease gut permeability and improve inflammation and microbial dysbiosis in diet-induced obese mice.

Journal of dairy science , Volume: 100 Issue: 4 2017 Apr

Authors Boudry G, Hamilton MK, Chichlowski M, Wickramasinghe S, Barile D, Kalanetra KM, Mills DA, Raybould HE

Epigallocatechin gallate induces a hepatospecific decrease in the CYP3A expression level by altering intestinal flora.

European journal of pharmaceutical sciences : official journal of the European Federation for Pharmaceutical Sciences , Volume: 100 2017 Mar 30

Authors Ikarashi N, Ogawa S, Hirobe R, Kon R, Kusunoki Y, Yamashita M, Mizukami N, Kaneko M, Wakui N, Machida Y, Sugiyama K

Biological activities of Rosmarinus officinalis L. (rosemary) extract as analyzed in microorganisms and cells.

Experimental biology and medicine (Maywood, N.J.) , Volume: 242 Issue: 6 2017 Mar

Authors de Oliveira JR, de Jesus D, Figueira LW, de Oliveira FE, Pacheco Soares C, Camargo SE, Jorge AO, de Oliveira LD

Impact of short-chain galactooligosaccharides on the gut microbiome of lactose-intolerant individuals.

Proceedings of the National Academy of Sciences of the United States of America , Volume: 114 Issue: 3 2017 Jan 17

Authors Azcarate-Peril MA, Ritter AJ, Savaiano D, Monteagudo-Mera A, Anderson C, Magness ST, Klaenhammer TR

Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity.

The Journal of nutrition , Volume: 147 Issue: 1 2017 Jan

Authors Noble EE, Hsu TM, Jones RB, Fodor AA, Goran MI, Kanoski SE

Improved Glucose Homeostasis in Obese Mice Treated With Resveratrol Is Associated With Alterations in the Gut Microbiome.

Diabetes , Volume: 66 Issue: 2 2017 Feb

Authors Sung MM, Kim TT, Denou E, Softys CM, Hamza SM, Byrne NJ, Masson G, Park H, Wishart DS, Madsen KL, Schertzer JD, Dyck JR

Lactate- and acetate-based cross-feeding interactions between selected strains of lactobacilli, bifidobacteria and colon bacteria in the presence of inulin-type fructans.

International journal of food microbiology , Volume: 241 2017 Jan 16

Authors Moens F, Verce M, De Vuyst L

Fucosyllactose and L-fucose utilization of infant Bifidobacterium longum and Bifidobacterium kashiwanohense.

BMC microbiology , Volume: 16 Issue: 1 2016 Oct 26

Authors Bunesova V, Lacroix C, Schwab C

Oral supplementation of healthy adults with 2'-O-fucosyllactose and lacto-N-neotetraose is well tolerated and shifts the intestinal microbiota.

The British journal of nutrition , Volume: 116 Issue: 8 2016 Oct

Authors Elison E, Vigsnaes LK, Rindom Krogsgaard L, Rasmussen J, Sørensen N, McConnell B, Hennem T, Sommer MO, Bytzer P

Dairy and plant based food intakes are associated with altered faecal microbiota in 2 to 3 year old Australian children.

Scientific reports , Volume: 6 2016 Oct 3

Authors Smith-Brown P, Morrison M, Krause L, Davies PS

Efficacy and role of inulin in mitigation of enteric sulfur-containing odor in pigs.

Journal of the science of food and agriculture , Volume: 97 Issue: 8 2017 Jun

Authors Deng YF,Liu YY,Zhang YT,Wang Y,Liang JB,Tufarelli V,Laudadio V,Liao XD

Benefits of Bifidobacterium animalis subsp. lactis Probiotic in Experimental Periodontitis.

Journal of periodontology , Volume: 88 Issue: 2 2017 Feb

Authors Oliveira LF,Salvador SL,Silva PH,Furlaneto FA,Figueiredo L,Casarin R,Ervolino E,Palioto DB,Souza SL,Taba M Jr,Novaes AB Jr,Messora MR

In vitro activity of plant extracts against biofilm-producing food-related bacteria.

International journal of food microbiology , Volume: 238 2016 Dec 5

Authors Nostro A,Guerrini A,Marino A,Tacchini M,Di Giulio M,Grandini A,Akin M,Cellini L,Bisignano G,Saraçoğlu HT

Japanese traditional dietary fungus koji Aspergillus oryzae functions as a prebiotic for Blautia coccoides through glycosylceramide: Japanese dietary fungus koji is a new prebiotic.

SpringerPlus , Volume: 5 Issue: 1 2016

Authors Hamajima H,Matsunaga H,Fujikawa A,Sato T,Mitsutake S,Yanagita T,Nagao K,Nakayama J,Kitagaki H

Gut complex carbohydrates and intestinal microflora in broiler chickens fed with oregano (Origanum vulgare L.) aqueous extract and vitamin E.

Journal of animal physiology and animal nutrition , Volume: 101 Issue: 4 2017 Aug

Authors Scocco P,Forte C,Franciosi MP,Mercati F,Casagrande-Proietti P,Dall'Aglio C,Acuti G,Tardella FM,Trabalza-Marinucci M

Iron Fortification of Foods for Infants and Children in Low-Income Countries: Effects on the Gut Microbiome, Gut Inflammation, and Diarrhea.

Nutrients , Volume: 8 Issue: 8 2016 Aug 12

Authors Paganini D,Uyoga MA,Zimmermann MB

Non-absorbable apple procyanidins prevent obesity associated with gut microbial and metabolomic changes.

Scientific reports , Volume: 6 2016 Aug 10

Authors Masumoto S,Terao A,Yamamoto Y,Mukai T,Miura T,Shoji T

The effect of volatile oil mixtures on the performance and ileo-caecal microflora of broiler chickens.

British poultry science , Volume: 57 Issue: 6 2016 Dec

Authors Cetin E,Yibar A,Yesilbag D,Cetin I,Cengiz SS

Consumption of a Bifidobacterium bifidum Strain for 4 Weeks Modulates Dominant Intestinal Bacterial Taxa and Fecal Butyrate in Healthy Adults.

Applied and environmental microbiology , Volume: 82 Issue: 19 2016 Oct 1

Authors Gargari G,Taverniti V,Balzaretti S,Ferrario C,Gardana C,Simonetti P,Guglielmetti S

Antimicrobial effects of Lactobacillus plantarum and Lactobacillus acidophilus against multidrug-resistant enteroaggregative Escherichia coli.

International journal of antimicrobial agents , Volume: 48 Issue: 3 2016 Sep

Authors Kumar M,Dhaka P,Vijay D,Vergis J,Mohan V,Kumar A,Kurkure NV,Barbuddhe SB,Malik SV,Rawool DB

Enhancing flora balance in the gastrointestinal tract of mice by lactic acid bacteria from Chinese sourdough and enzyme activities indicative of metabolism of protein, fat, and carbohydrate by the flora.

Journal of dairy science , Volume: 99 Issue: 10 2016 Oct

Authors Yang D,Yu X,Wu Y,Chen X,Wei H,Shah NP,Xu F

Dietary Casein and Soy Protein Isolate Modulate the Effects of Raffinose and Fructooligosaccharides on the Composition and Fermentation of Gut Microbiota in Rats.

Journal of food science , Volume: 81 Issue: 8 2016 Aug

Authors Bai G,Ni K,Tsuruta T,Nishino N

Lactobacillus fermentum CRL1446 Ameliorates Oxidative and Metabolic Parameters by Increasing Intestinal Feruloyl Esterase Activity and Modulating Microbiota in Calorie-Restricted Mice.

Nutrients , Volume: 8 Issue: 7 2016 Jul 7

Authors Russo M,Fabersani E,Abejón-Mukdsi MC,Ross R,Fontana C,Benítez-Páez A,Gauffin-Cano P,Medina RB

In vitro antimicrobial activity of five essential oils on multidrug resistant Gram-negative clinical isolates.

Journal of intercultural ethnopharmacology , Volume: 5 Issue: 3 2016 Jun-Aug

Authors Sakkas H,Gousia P,Economou V,Sakkas V,Petsios S,Papadopoulou C

Curcumin protects mice from Staphylococcus aureus pneumonia by interfering with the self-assembly process of a-hemolysin.

Scientific reports , Volume: 6 2016 Jun 27

Authors Wang J,Zhou X,Li W,Deng X,Deng Y,Niu X

Short communication: Modulation of the small intestinal microbial community composition over short-term or long-term administration with Lactobacillus plantarum ZDY2013.

Journal of dairy science , Volume: 99 Issue: 9 2016 Sep

Authors Xie Q,Pan M,Huang R,Tian X,Tao X,Shah NP,Wei H,Wan C

Ecophysiological consequences of alcoholism on human gut microbiota: implications for ethanol-related pathogenesis of colon cancer.

Scientific reports , Volume: 6 2016 Jun 13

Authors Tsuruya A,Kuwahara A,Saito Y,Yamaguchi H,Tsubo T,Suga S,Inai M,Aoki Y,Takahashi S,Tsutsumi E,Suwa Y,Morita H,Kinoshita K,Totsuka Y,Suda W,Oshima K,Hattori M,Mizukami T,Yokoyama A,Shimoyama T,Nakayama T

In Vivo Effects of Tea Polyphenol Intake on Human Intestinal Microflora and Metabolism.

Bioscience, biotechnology, and biochemistry , Volume: 56 Issue: 4 1992 Jan

Authors Okubo T,Ishihara N,Oura A,Serit M,Kim M,Yamamoto T,Mitsuoka T

Screening of Bifidobacteria and Lactobacilli Able to Antagonize the Cytotoxic Effect of Clostridium difficile upon Intestinal Epithelial HT29 Monolayer.

Frontiers in microbiology , Volume: 7 2016

Authors Valdés-Varela L,Alonso-Guervos M,García-Suárez O,Gueimonde M,Ruas-Madiedo P

Effects of two different probiotics on microflora, morphology, and morphometry of gut in organic laying hens.

Poultry science , Volume: 95 Issue: 11 2016 Nov 1

Authors Forte C,Acuti G,Manuali E,Casagrande Proietti P,Pavone S,Trabalza-Marinucci M,Moscatti L,Onofri A,Lorenzetti C,Franciosi MP

Survey of the Antibiofilm and Antimicrobial Effects of Zingiber officinale (in Vitro Study).

Jundishapur journal of microbiology , Volume: 9 Issue: 2 2016 Feb

Authors Aghazadeh M,Zahedi Bialvaei A,Aghazadeh M,Kabiri F,Saliani N,Yousefi M,Eslami H,Samadi Kafil H

Lingonberries alter the gut microbiota and prevent low-grade inflammation in high-fat diet fed mice.

Food & nutrition research , Volume: 60 2016

Authors Heyman-Lindén L,Kotowska D,Sand E,Bjursell M,Plaza M,Turner C,Holm C,Fåk F,Berger K

Dietary supplementation of Rosmarinus officinalis L. leaves in sheep affects the abundance of rumen methanogens and other microbial populations.

Journal of animal science and biotechnology , Volume: 7 2016

Authors Cobellis G,Yu Z,Forte C,Acuti G,Trabalza-Marinucci M

Gas chromatography coupled with mass spectrometric characterization of Curcuma longa: Protection against pathogenic microbes and lipid peroxidation in rat`s tissue homogenate.

Pakistan journal of pharmaceutical sciences , Volume: 29 Issue: 2 2016 Mar

Authors Hassan W,Gul S,Rehman S,Kanwal F,Afridi MS,Fazal H,Shah Z,Rahman A,da Rocha JB

In vitro bactericidal activity of promising nutraceuticals for targeting multidrug resistant Pseudomonas aeruginosa.

Nutrition (Burbank, Los Angeles County, Calif.) , Volume: 32 Issue: 7-8 2016 Jul-Aug

Authors Chakotiya AS,Chawla R,Thakur P,Tanwar A,Narula A,Grover SS,Goel R,Arora R,Sharma RK

Nondigestible Fructans Alter Gastrointestinal Barrier Function, Gene Expression, Histomorphology, and the Microbiota Profiles of Diet-Induced Obese C57BL/6J Mice.

The Journal of nutrition , Volume: 146 Issue: 5 2016 May

Authors Liu TW,Cephas KD,Holscher HD,Kerr KR,Mangian HF,Tappenden KA,Swanson KS

Prebiotics and Bioactive Milk Fractions Affect Gut Development, Microbiota, and Neurotransmitter Expression in Piglets.

Journal of pediatric gastroenterology and nutrition , Volume: 63 Issue: 6 2016 Dec

Authors Berding K,Wang M,Monaco MH,Alexander LS,Mudd AT,Chichlowski M,Waworuntu RV,Berg BM,Miller MJ,Dilger RN,Donovan SM

Potential of neem (Azadirachta indica L.) for prevention and treatment of oncologic diseases.

Seminars in cancer biology , Volume: 40-41 2016 Oct

Authors Patel SM,Nagulapalli Venkata KC,Bhattacharyya P,Sethi G,Bishayee A

Antimicrobial activities of six essential oils commonly used as condiments in Brazil against Clostridium perfringens.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 47 Issue: 2 2016 Apr-Jun

Authors Radaelli M,da Silva BP,Weidlich L,Hoehne L,Flach A,da Costa LA,Ethur EM

In vitro extraction and fermentation of polyphenols from grape seeds (Vitis vinifera) by human intestinal microbiota.

Food & function , Volume: 7 Issue: 4 2016 Apr

Authors Zhou L,Wang W,Huang J,Ding Y,Pan Z,Zhao Y,Zhang R,Hu B,Zeng X

Rapid, Bioassay-Guided Process for the Detection and Identification of Antibacterial Neem Oil Compounds.

Journal of chromatographic science , Volume: 54 Issue: 7 2016 Aug

Authors Krüzselyi D,Nagy R,Ott PG,Móricz ÁM

Lactobacillus plantarum NCU116 attenuates cyclophosphamide-induced intestinal mucosal injury, metabolism and intestinal microbiota disorders in mice.

Food & function , Volume: 7 Issue: 3 2016 Mar

Authors Xie JH,Fan ST,Nie SP,Yu Q,Xiong T,Gong D,Xie MY

High Molecular Weight Barley β -Glucan Alters Gut Microbiota Toward Reduced Cardiovascular Disease Risk.

Frontiers in microbiology , Volume: 7 2016

Authors Wang Y,Ames NP,Tun HM,Tosh SM,Jones PJ,Khafipour E

Lingonberries reduce atherosclerosis in Apoe(-/-) mice in association with altered gut microbiota composition and improved lipid profile.

Molecular nutrition & food research , Volume: 60 Issue: 5 2016 May

Authors Matziouridou C,Marunguang N,Nguyen TD,Nyman M,Fåk F

Purification and characteristics of a novel bacteriocin produced by Enterococcus faecalis L11 isolated from Chinese traditional fermented cucumber.

Biotechnology letters , Volume: 38 Issue: 5 2016 May

Authors Gao Y,Li B,Li D,Zhang L

Efficacy of oral Bifidobacterium bifidum ATCC 29521 on microflora and antioxidant in mice.

Canadian journal of microbiology , Volume: 62 Issue: 3 2016 Mar

Authors Wang BG,Xu HB,Xu F,Zeng ZL,Wei H

Oral versus intravenous iron replacement therapy distinctly alters the gut microbiota and metabolome in patients with IBD.

Gut , Volume: 66 Issue: 5 2017 May

Authors Lee T,Clavel T,Smirnov K,Schmidt A,Lagkouravdos I,Walker A,Lucio M,Michalke B,Schmitt-Kopplin P,Fedorak R,Haller D

High purity galacto-oligosaccharides enhance specific Bifidobacterium species and their metabolic activity in the mouse gut microbiome.

Beneficial microbes , Volume: 7 Issue: 2 2016

Authors Monteagudo-Mera A,Arthur JC,Jobin C,Keku T,Bruno-Barcena JM,Azcarate-Peril MA

The Effects of Inulin on Characteristics of Lactobacillus paracasei TD3 (IBRC-M 10784) as Probiotic Bacteria in vitro.

Archives of Iranian medicine , Volume: 19 Issue: 2 2016 Feb

Authors Mahboubi M,Kazempour N

Quercetin is an effective inhibitor of quorum sensing, biofilm formation and virulence factors in Pseudomonas aeruginosa.

Journal of applied microbiology , Volume: 120 Issue: 4 2016 Apr

Authors Ouyang J,Sun F,Feng W,Sun Y,Qiu X,Xiong L,Liu Y,Chen Y

Evaluation of probiotic properties of Lactobacillus plantarum WLPL04 isolated from human breast milk.

Journal of dairy science , Volume: 99 Issue: 3 2016 Mar

Authors Jiang M,Zhang F,Wan C,Xiong Y,Shah NP,Wei H,Tao X

Antibacterial Activity of Probiotic Lactobacillus plantarum HK01: Effect of Divalent Metal Cations and Food Additives on Production Efficiency of Antibacterial Compounds.

Probiotics and antimicrobial proteins , Volume: 5 Issue: 2 2013 Jun

Authors Sharafi H,Alidost L,Lababpour A,Shahbani Zahiri H,Abbasi H,Vali H,Akbari Noghabi K

Microbial Metabolism Shifts Towards an Adverse Profile with Supplementary Iron in the TIM-2 In vitro Model of the Human Colon.

Frontiers in microbiology , Volume: 6 2015

Authors Kortman GA,Dutilh BE,Maathuis AJ,Engelke UF,Boekhorst J,Keegan KP,Nielsen FG,Betley J,Weir JC,Kingsbury Z,Kluijtmans LA,Swinkels DW,Venema K,Tjalsma H

Probiotic Characteristics of Lactobacillus plantarum FH185 Isolated from Human Feces.

Korean journal for food science of animal resources , Volume: 35 Issue: 5 2015

Authors Park SY,Lim SD

Extrusion of barley and oat influence the fecal microbiota and SCFA profile of growing pigs.

Food & function , Volume: 7 Issue: 2 2016 Feb

Authors Moen B,Berget I,Rud I,Hole AS,Kjos NP,Sahlström S

The Effect of Lactobacillus casei 32G on the Mouse Cecum Microbiota and Innate Immune Response Is Dose and Time Dependent.

PloS one , Volume: 10 Issue: 12 2015

Authors Aktas B,De Wolfe TJ,Tandee K,Safdar N,Darien BJ,Steele JL

Dietary Isomers of Sialyllactose Increase Ganglioside Sialic Acid Concentrations in the Corpus Callosum and Cerebellum and Modulate the Colonic Microbiota of Formula-Fed Piglets.

The Journal of nutrition , Volume: 146 Issue: 2 2016 Feb

Authors Jacobi SK,Yatsuneneko T,Li D,Dasgupta S,Yu RK,Berg BM,Chichlowski M,Odle J

Evidence for synergistic activity of plant-derived essential oils against fungal pathogens of food.

Food microbiology , Volume: 53 Issue: Pt B 2016 Feb

Authors Hossain F,Follett P,Dang Vu K,Harich M,Salmieri S,Lacroix M

Effects of probiotics *Pediococcus acidilactici* strain MA18/5M and *Saccharomyces cerevisiae* subsp. *boulardii* strain SB-CNCM I-1079 on fecal and intestinal microbiota of nursing and weanling piglets.

Journal of animal science , Volume: 93 Issue: 11 2015 Nov

Authors Brousseau JP,Talbot G,Beaudoin F,Lauzon K,Roy D,Lessard M

Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients.

Food & function , Volume: 7 Issue: 4 2016 Apr

Authors Moreno-Indias I,Sánchez-Alcoholado L,Pérez-Martínez P,Andrés-Lacueva C,Cardona F,Tinahones F,Queipo-Ortuño MI

Inhibition of *Staphylococcus aureus* cocktail using the synergies of oregano and rosemary essential oils or carvacrol and 1,8-cineole.

Frontiers in microbiology , Volume: 6 2015

Authors Honório VG,Bezerra J,Souza GT,Carvalho RJ,Gomes-Neto NJ,Figueiredo RC,Melo JV,Souza EL,Magnani M

Role of colonic microbiota in colorectal carcinogenesis: a systematic review.

Revista española de enfermedades digestivas , Volume: 107 Issue: 11 2015 Nov

Authors Borges-Canha M,Portela-Cidade JP,Dinis-Ribeiro M,Leite-Moreira AF,Pimentel-Nunes P

Membrane filter method to study the effects of *Lactobacillus acidophilus* and *Bifidobacterium longum* on fecal microbiota.

Microbiology and immunology , Volume: 59 Issue: 11 2015 Nov

Authors Shimizu H,Benno Y

Effect of *Bacillus subtilis* CGMCC 1.1086 on the growth performance and intestinal microbiota of broilers.

Journal of applied microbiology , Volume: 120 Issue: 1 2016 Jan

Authors Li Y,Xu Q,Huang Z,Lv L,Liu X,Yin C,Yan H,Yuan J

Brevibacillus laterosporus, a Pathogen of Invertebrates and a Broad-Spectrum Antimicrobial Species.

Insects , Volume: 4 Issue: 3 2013 Sep 5

Authors Rui L

Bacteriocin-producing strains of *Lactobacillus plantarum* inhibit adhesion of *Staphylococcus aureus* to extracellular matrix: quantitative insight and implications in antibacterial therapy.

Journal of medical microbiology , Volume: 64 Issue: 12 2015 Dec

Authors Mukherjee S,Ramesh A

Table grape consumption reduces adiposity and markers of hepatic lipogenesis and alters gut microbiota in butter fat-fed mice.

The Journal of nutritional biochemistry , Volume: 27 2016 Jan

Authors Baldwin J,Collins B,Wolf PG,Martinez K,Shen W,Chuang CC,Zhong W,Cooney P,Cockrell C,Chang E,Gaskins HR,McIntosh MK

Enhanced butyrate formation by cross-feeding between *Faecalibacterium prausnitzii* and *Bifidobacterium adolescentis*.

FEMS microbiology letters , Volume: 362 Issue: 21 2015 Nov

Authors Rios-Covian D,Gueimonde M,Duncan SH,Flint HJ,de los Reyes-Gavilan CG

[Effect of probiotic product containing bifidobacteria and bioigel from brown algae on the intestinal microflora and parameters of innate immunity in mice with experimental drug dysbacteriosis].

Voprosy pitaniia , Volume: 84 Issue: 1 2015

Authors Kuznetsova TA,Makarenkova ID,Koneva EL,Aminina NM,Yakush EV

Microbial populations and fermentation profiles in rumen liquid and solids of Holstein cows respond differently to dietary barley processing.

Journal of applied microbiology , Volume: 119 Issue: 6 2015 Dec

Authors Metzler-Zebeli BU,Khol-Parisini A,Gruber L,Zebeli Q

Effect of Whole-Grain Barley on the Human Fecal Microbiota and Metabolome.

Applied and environmental microbiology , Volume: 81 Issue: 22 2015 Nov

Authors De Angelis M,Montemurno E,Vannini L,Cosola C,Cavallo N,Gozi G,Maranzano V,Di Cagno R,Gobbetti M,Gesualdo L

Effects of pre-encapsulated and pro-encapsulated *Enterococcus faecalis* on growth performance, blood characteristics, and cecal microflora in broiler chickens.

Poultry science , Volume: 94 Issue: 11 2015 Nov

Authors Zhang L,Li J,Yun TT,Qi WT,Liang XX,Wang YW,Li AK

Influence of diet and spiramycin on *Actinomyces viscosus*-associated experimental periodontitis.

Newsletter (International Academy of Periodontology) , Volume: 2 Issue: 1 1992 Mar

Authors Keyes PH,Rams TE,Jordan HV

Antimicrobial activity and the presence of virulence factors and bacteriocin structural genes in *Enterococcus faecium* CM33 isolated from ewe colostrum.

Frontiers in microbiology , Volume: 6 2015

Authors Nami Y,Haghshenas B,Haghshenas M,Yari Khosroushahi A

Isoeugenol has a non-disruptive detergent-like mechanism of action.

Frontiers in microbiology , Volume: 6 2015

Authors Hyldgaard M, Mygind T, Piotrowska R, Foss M, Meyer RL

[Characterization of the Intestinal Lactobacilli Community following Galactooligosaccharides and Polydextrose Supplementation in the Neonatal Piglet.](#)

PloS one , Volume: 10 Issue: 8 2015

Authors Hoeflinger JL, Kashtanov DO, Cox SB, Dowd SE, Jouni ZE, Donovan SM, Miller MJ

[TLC-Direct Bioautography as a Bioassay Guided Method for Investigation of Antibacterial Compounds in Hypericum perforatum L.](#)

Journal of AOAC International , Volume: 98 Issue: 4 2015 Jul-Aug

Authors Jesionek W, Móricz ÁM, Alberti Á, Ott PG, Kocsis B, Horváth G, Choma IM

[In Vitro Activity of Epigallocatechin Gallate and Quercetin Alone and in Combination versus Clinical Isolates of Methicillin-Resistant Staphylococcus aureus.](#)

Journal of natural products , Volume: 78 Issue: 8 2015 Aug 28

Authors Betts JW, Sharili AS, Phee LM, Wareham DW

[Effect of starch source \(corn, oats or wheat\) and concentration on fermentation by equine faecal microbiota in vitro.](#)

Journal of applied microbiology , Volume: 119 Issue: 5 2015 Nov

Authors Harlow BE, Donley TM, Lawrence LM, Flythe MD

[In vitro and in vivo examination of anticolonization of pathogens by Lactobacillus paracasei FJ861111.1.](#)

Journal of dairy science , Volume: 98 Issue: 10 2015 Oct

Authors Deng K, Chen T, Wu Q, Xin H, Wei Q, Hu P, Wang X, Wang X, Wei H, Shah NP

[Sex differences in gut fermentation and immune parameters in rats fed an oligofructose-supplemented diet.](#)

Biology of sex differences , Volume: 6 2015

Authors Shastri P, McCarville J, Kalmokoff M, Brooks SP, Green-Johnson JM

[Effect of daily intake of pomegranate juice on fecal microbiota and feces metabolites from healthy volunteers.](#)

Molecular nutrition & food research , Volume: 59 Issue: 10 2015 Oct

Authors Mosele JI, Gosalbes MJ, Macià A, Rubió L, Vázquez-Castellanos JF, Jiménez Hernández N, Moya A, Latorre A, Motilva MJ

[Gelucire-Based Nanoparticles for Curcumin Targeting to Oral Mucosa: Preparation, Characterization, and Antimicrobial Activity Assessment.](#)

Journal of pharmaceutical sciences , Volume: 104 Issue: 11 2015 Nov

Authors Hazzah HA, Farid RM, Nasra MMA, Hazzah WA, El-Massik MA, Abdallah OY

[Pomegranate extract induces ellagitannin metabolite formation and changes stool microbiota in healthy volunteers.](#)

Food & function , Volume: 6 Issue: 8 2015 Aug

Authors Li Z, Henning SM, Lee RP, Lu QY, Summanen PH, Thames G, Corbett K, Downes J, Tseng CH, Finegold SM, Heber D

[Modulation of gut microbiota in rats fed high-fat diets by processing whole-grain barley to barley malt.](#)

Molecular nutrition & food research , Volume: 59 Issue: 10 2015 Oct

Authors Zhong Y, Nyman M, Fåk F

[Wheat and barley differently affect porcine intestinal microbiota.](#)

Journal of the science of food and agriculture , Volume: 96 Issue: 6 2016 Apr

Authors Weiss E, Aumiller T, Spindler HK, Rosenfelder P, Eklund M, Witzig M, Jørgensen H, Bach Knudsen KE, Mosenthin R

[In vitro probiotic characteristics of Lactobacillus plantarum ZDY 2013 and its modulatory effect on gut microbiota of mice.](#)

Journal of dairy science , Volume: 98 Issue: 9 2015 Sep

Authors Huang R, Tao X, Wan C, Li S, Xu H, Xu F, Shah NP, Wei H

[Antibacterial activity of herbal extracts against multi-drug resistant Escherichia coli recovered from retail chicken meat.](#)

Pakistan journal of pharmaceutical sciences , Volume: 28 Issue: 4 2015 Jul

Authors Shaheen AY, Sheikh AA, Rabbani M, Aslam A, Bibi T, Liaqat F, Muhammad J, Rehmani SF

[In situ identification and quantification of starch-hydrolyzing bacteria attached to barley and corn grain in the rumen of cows fed barley-based diets.](#)

FEMS microbiology ecology , Volume: 91 Issue: 8 2015 Aug

Authors Xia Y, Kong Y, Seviour R, Yang HE, Forster R, Vasanthan T, McAllister T

[In vitro characterisation of the fermentation profile and prebiotic capacity of gold-fleshed kiwifruit.](#)

Beneficial microbes , Volume: 6 Issue: 6 2015

Authors Blatchford P, Bentley-Hewitt KL, Stoklosinski H, McGhie T, Gearry R, Gibson G, Ansell J

[In Vitro Effects of Dietary Inulin on Human Fecal Microbiota and Butyrate Production.](#)

Journal of microbiology and biotechnology , Volume: 25 Issue: 9 2015 Sep

Authors Jung TH, Jeon WM, Han KS

[Antimicrobial Activity of Pomegranate and Green Tea Extract on Propionibacterium Acnes, Propionibacterium Granulosum, Staphylococcus Aureus and Staphylococcus Epidermidis.](#)

Journal of drugs in dermatology : JDD , Volume: 14 Issue: 6 2015 Jun

Authors Li Z,Summanen PH,Downes J,Corbett K,Komoriya T,Henning SM,Kim J,Finegold SM

Antimicrobial Impacts of Essential Oils on Food Borne-Pathogens.

Recent patents on food, nutrition & agriculture , Volume: 7 Issue: 1 2015

Authors Ozogul Y,Kuley E,Ucar Y,Ozogul F

Pomegranate ellagitannins stimulate growth of gut bacteria in vitro: Implications for prebiotic and metabolic effects.

Anaerobe , Volume: 34 2015 Aug

Authors Li Z,Summanen PH,Komoriya T,Henning SM,Lee RP,Carlson E,Heber D,Finegold SM

Review article: dietary fibre-microbiota interactions.

Alimentary pharmacology & therapeutics , Volume: 42 Issue: 2 2015 Jul

Authors Simpson HL,Campbell BJ

Bacillus coagulans GBI-30, 6086 Modulates Faecalibacterium prausnitzii in Older Men and Women.

The Journal of nutrition , Volume: 145 Issue: 7 2015 Jul

Authors Nyangale EP,Farmer S,Cash HA,Keller D,Chernoff D,Gibson GR

Quercetin Potently Reduces Biofilm Formation of the Strain Pseudomonas aeruginosa PAO1 in vitro.

Current pharmaceutical biotechnology , Volume: 16 Issue: 8 2015

Authors Pejic B,Ciric A,Markovic JD,Glamoclija J,Nikolic M,Stanisirovic B,Sokovic M

Antimicrobial agents from selected medicinal plants in Libya.

Chinese journal of integrative medicine , Volume: 22 Issue: 3 2016 Mar

Authors Muhaisen HM,Ab-Mous MM,Ddeeb FA,Rtemi AA,Taba OM,Parveen M

Design of a papain immobilized antimicrobial food package with curcumin as a crosslinker.

PloS one , Volume: 10 Issue: 4 2015

Authors Manohar CM,Prabhawathi V,Sivakumar PM,Doble M

Effects of Probiotics on Gut Microbiota in Patients with Inflammatory Bowel Disease: A Double-blind, Placebo-controlled Clinical Trial.

The Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi , Volume: 65 Issue: 4 2015 Apr

Authors Shadnough M,Hosseini RS,Khalilnezhad A,Navai L,Goudarzi H,Vaezjalali M

Effects of the Probiotic Enterococcus faecium and Pathogenic Escherichia coli Strains in a Pig and Human Epithelial Intestinal Cell Model.

Scientifica , Volume: 2015 2015

Authors Lodemann U,Strahlendorf J,Schierack P,Klingspor S,Aschenbach JR,Martens H

Antifungal and antibacterial metabolites from a French poplar type propolis.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2015 2015

Authors Boisard S,Le Ray AM,Landreau A,Kempf M,Cassisa V,Flurin C,Richomme P

Effects of two whole-grain barley varieties on caecal SCFA, gut microbiota and plasma inflammatory markers in rats consuming low- and high-fat diets.

The British journal of nutrition , Volume: 113 Issue: 10 2015 May 28

Authors Zhong Y,Marungruang N,Fak F,Nyman M

Comparative in vitro fermentations of cranberry and grape seed polyphenols with colonic microbiota.

Food chemistry , Volume: 183 2015 Sep 15

Authors Sánchez-Patán F,Barroso E,van de Wiele T,Jiménez-Girón A,Martín-Alvarez PJ,Moreno-Arribas MV,Martínez-Cuesta MC,Peláez C,Requena T,Bartolomé B

Effects of sub-lethal concentrations of thyme and oregano essential oils, carvacrol, thymol, citral and trans-2-hexenal on membrane fatty acid composition and volatile molecule profile of Listeria monocytogenes, Escherichia coli and Salmonella enteritidis.

Food chemistry , Volume: 182 2015 Sep 1

Authors Siroli L,Patrignani F,Gardini F,Lanciotti R

Empirical prediction and validation of antibacterial inhibitory effects of various plant essential oils on common pathogenic bacteria.

International journal of food microbiology , Volume: 202 2015 Jun 2

Authors Akdemir Evrendilek G

Effect of specific amino acids on hepatic lipid metabolism in fructose-induced non-alcoholic fatty liver disease.

Clinical nutrition (Edinburgh, Scotland) , Volume: 35 Issue: 1 2016 Feb

Authors Jegatheesan P,Beutheu S,Ventura G,Sarfati G,Nubret E,Kapel N,Waligora-Dupriet AJ,Bergheim I,Cynober L,De-Bandt JP

Cocktails of probiotics pre-adapted to multiple stress factors are more robust under simulated gastrointestinal conditions than their parental counterparts and exhibit enhanced antagonistic capabilities against Escherichia coli and Staphylococcus aureus.

Gut pathogens , Volume: 7 2015

Authors Mathipa MG,Thantsha MS

6-Gingerol reduces Pseudomonas aeruginosa biofilm formation and virulence via quorum sensing inhibition.

Scientific reports , Volume: 5 2015 Mar 2

Authors Kim HS,Lee SH,Byun Y,Park HD

Inhibition of adhesion of intestinal pathogens (Escherichia coli, Vibrio cholerae, Campylobacter jejuni, and Salmonella Typhimurium) by common oligosaccharides.

Foodborne pathogens and disease , Volume: 12 Issue: 4 2015 Apr

Authors Wang S,Wang J,Mou H,Luo B,Jiang X

Probiotic potential of lactobacillus strains isolated from sorghum-based traditional fermented food.

Probiotics and antimicrobial proteins , Volume: 7 Issue: 2 2015 Jun

Authors Rao KP,Chennappa G,Suraj U,Nagaraja H,Raj AP,Sreenivasa MY

In vitro fermentation of fructooligosaccharides with human gut bacteria.

Food & function , Volume: 6 Issue: 3 2015 Mar

Authors Mao B,Li D,Zhao J,Liu X,Gu Z,Chen YQ,Zhang H,Chen W

The impact of oral consumption of Lactobacillus plantarum P-8 on faecal bacteria revealed by pyrosequencing.

Beneficial microbes , Volume: 6 Issue: 4 2015

Authors Kwok LY,Guo Z,Zhang J,Wang L,Qiao J,Hou Q,Zheng Y,Zhang H

Fecal microbiota composition of breast-fed infants is correlated with human milk oligosaccharides consumed.

Journal of pediatric gastroenterology and nutrition , Volume: 60 Issue: 6 2015 Jun

Authors Wang M,Li M,Wu S,Lebrilla CB,Chapkin RS,Ivanov I,Donovan SM

Antimicrobial and antioxidant activities and chemical characterization of essential oils of Thymus vulgaris, Rosmarinus officinalis, and Origanum majorana from northeastern México.

Pakistan journal of pharmaceutical sciences , Volume: 28 Issue: 1 Suppl 2015 Jan

Authors Guerra-Boone L,Alvarez-Román R,Alvarez-Román R,Salazar-Aranda R,Torres-Cirio A,Rivas-Galindo VM,de-Torres NW,González G,Pérez-López LA

Orally disintegrating films containing propolis: properties and release profile.

Journal of pharmaceutical sciences , Volume: 104 Issue: 4 2015 Apr

Authors Borges JG,De Carvalho RA

Dietary Enterococcus faecalis LAB31 improves growth performance, reduces diarrhea, and increases fecal Lactobacillus number of weaned piglets.

PloS one , Volume: 10 Issue: 1 2015

Authors Hu Y,Dun Y,Li S,Zhang D,Peng N,Zhao S,Liang Y

Bioanalytical evaluation of Cinnamomum zeylanicum essential oil.

Natural product research , Volume: 29 Issue: 19 2015

Authors Saleem M,Bhatti HN,Jilani MI,Hanif MA

Modulation of the intestinal microbiota is associated with lower plasma cholesterol and weight gain in hamsters fed chardonnay grape seed flour.

Journal of agricultural and food chemistry , Volume: 63 Issue: 5 2015 Feb 11

Authors Kim H,Kim DH,Seo KH,Chon JW,Nah SY,Bartley GE,Arvik T,Lipson R,Yokoyama W

Metagenomic insights into the effects of fructo-oligosaccharides (FOS) on the composition of fecal microbiota in mice.

Journal of agricultural and food chemistry , Volume: 63 Issue: 3 2015 Jan 28

Authors Mao B,Li D,Zhao J,Liu X,Gu Z,Chen YQ,Zhang H,Chen W

Nature of the antimicrobial activity of Lactobacillus casei, Bifidobacterium bifidum and Bifidobacterium animalis against foodborne pathogenic and spoilage microorganisms.

Natural product research , Volume: 29 Issue: 22 2015

Authors de Oliveira CP,da Silva JA,de Siqueira-Júnior JP

In situ prebiotics for weaning piglets: in vitro production and fermentation of potato galacto-rhamnogalacturonan.

Applied and environmental microbiology , Volume: 81 Issue: 5 2015 Mar

Authors Strube ML,Ravn HC,Ingerslev HC,Meyer AS,Boye M

In-vitro screening of Malaysian honey from different floral sources for antibacterial activity on human pathogenic bacteria.

African journal of traditional, complementary, and alternative medicines : AJTCAM , Volume: 11 Issue: 2 2014

Authors Ng WJ,Ken KW,Kumar RV,Gunasagaran H,Chandramogan V,Lee YY

Manuka honey reduces the motility of Pseudomonas aeruginosa by suppression of flagella-associated genes.

The Journal of antimicrobial chemotherapy , Volume: 70 Issue: 3 2015 Mar

Authors Roberts AE,Maddocks SE,Cooper RA

[The antibacterial activity of cinnamon oil on the selected gram-positive and gram-negative bacteria].

Medycyna doświadczalna i mikrobiologia , Volume: 66 Issue: 2 2014

Authors Urbaniak A,Głowacka A,Kowalczyk E,Lysakowska M,Sienkiewicz M

Chemically defined diet alters the protective properties of fructo-oligosaccharides and isomalto-oligosaccharides in HLA-B27

transgenic rats.

PloS one , Volume: 9 Issue: 11 2014

Authors Koleva P,Ketabi A,Valcheva R,Gänzle MG,Dieleman LA

[Determination of the antimicrobial capacity of green tea (Camellia sinensis) against the potentially pathogenic microorganisms Escherichia coli, Salmonella enterica, Staphylococcus aureus, Listeria monocytogenes, Candida albicans and Aspergillus niger].

Archivos latinoamericanos de nutricion , Volume: 63 Issue: 3 2013 Sep

Authors Mora A,Pawa J,Chaverri JM,Arias ML

Antibacterial activity of bark extracts of Moringa oleifera Lam. against some selected bacteria.

Pakistan journal of pharmaceutical sciences , Volume: 27 Issue: 6 2014 Nov

Authors Zaffer M,Ahmad S,Sharma R,Mahajan S,Gupta A,Agnihotri RK

Modulation of fecal Clostridiales bacteria and butyrate by probiotic intervention with Lactobacillus paracasei DG varies among healthy adults.

The Journal of nutrition , Volume: 144 Issue: 11 2014 Nov

Authors Ferrario C,Taverniti V,Milani C,Fiore W,Laureati M,De Noni I,Stuknyte M,Chouaia B,Riso P,Guglielmetti S

Prebiotic effect of an infant formula supplemented with galacto-oligosaccharides: randomized multicenter trial.

Journal of the American College of Nutrition , Volume: 33 Issue: 5 2014

Authors Giovannini M,Verduci E,Gregori D,Ballali S,Soldi S,Ghisleni D,Riva E,PLAGOS Trial Study Group.

Assessment of tolerance induction by Origanum vulgare L. essential oil or carvacrol in Pseudomonas aeruginosa cultivated in a meat-based broth and in a meat model.

Food science and technology international = Ciencia y tecnología de los alimentos internacional , Volume: 21 Issue: 8 2015 Dec

Authors da Silva Luz I,Gomes-Neto NJ,Magnani M,de Souza EL

Assessment of Bioautography and Spot Screening of TLC of Green Tea (Camellia) Plant Extracts as Antibacterial and Antioxidant Agents

Indian Journal of Pharmaceutical Sciences , Volume: 76 Issue: 4 2014 Jul-Aug

Authors Bashir S,Khan BM,Babar M,Andleeb S,Hafeez M,Ali S,Khan MF

Active dry Saccharomyces cerevisiae can alleviate the effect of subacute ruminal acidosis in lactating dairy cows.

Journal of dairy science , Volume: 97 Issue: 12 2014 Dec

Authors AlZahal O,Dionissopoulos L,Laarman AH,Walker N,McBride BW

Natural control of bacteria affecting meat quality by a neem (Azadirachta indica A. Juss) cake extract.

Natural product research , Volume: 29 Issue: 10 2015

Authors Del Serrone P,Failla S,Nicoletti M

Effect of Bacillus subtilis C-3102 spores as a probiotic feed supplement on growth performance, noxious gas emission, and intestinal microflora in broilers.

Poultry science , Volume: 93 Issue: 12 2014 Dec

Authors Jeong JS,Kim IH

Total Phenolic Content and Antibacterial Activity of Five Plants of Labiatae against Four Foodborne and Some Other Bacteria.

Iranian journal of pharmaceutical research : IJPR , Volume: 13 Issue: 2 2014 Spring

Authors Mahboubi A,Kamalinejad M,Ayatollahi AM,Babaeian M

Effect of prebiotics on the fecal microbiota of elderly volunteers after dietary supplementation of Bacillus coagulans GBI-30, 6086.

Anaerobe , Volume: 30 2014 Dec

Authors Nyangale EP,Farmer S,Keller D,Chernoff D,Gibson GR

Physico-chemical analysis and antimicrobial potential of Apis dorsata, Apis mellifera and Ziziphus jujube honey samples from Pakistan.

Asian Pacific journal of tropical biomedicine , Volume: 4 Issue: 8 2014 Aug

Authors Fahim H,Dasti JJ,Ali I,Ahmed S,Nadeem M

Chemical composition and antibacterial activity of Lavandula coronopifolia essential oil against antibiotic-resistant bacteria.

Natural product research , Volume: 29 Issue: 6 2015

Authors Ait Said L,Zahlane K,Ghalbane I,El Messoussi S,Romane A,Cavaleiro C,Salgueiro L

Iron fortification adversely affects the gut microbiome, increases pathogen abundance and induces intestinal inflammation in Kenyan infants.

Gut , Volume: 64 Issue: 5 2015 May

Authors Jaeggi T,Kortman GA,Moretti D,Chassard C,Holding P,Dostal A,Boekhorst J,Timmerman HM,Swinkels DW,Tjalsma H,Njenga J,Mwangi A,Kvalsvig J,Lacroix C,Zimmermann MB

Synbiotic Lactobacillus acidophilus NCFM and cellobiose does not affect human gut bacterial diversity but increases

abundance of lactobacilli, bifidobacteria and branched-chain fatty acids: a randomized, double-blinded cross-over trial.

FEMS microbiology ecology , Volume: 90 Issue: 1 2014 Oct

Authors van Zanten GC,Krych L,Röytiö H,Forssten S,Lahtinen SJ,Abu Al-Soud W,Sørensen S,Svensson B,Jespersen L,Jakobsen M

Effect of traditional leafy vegetables on the growth of lactobacilli and bifidobacteria.

International journal of food sciences and nutrition , Volume: 65 Issue: 8 2014 Dec

Authors Kassim MA,Bajjnath H,Odhav B

Effect of Feeding Bacillus subtilis natto on Hindgut Fermentation and Microbiota of Holstein Dairy Cows.

Asian-Australasian journal of animal sciences , Volume: 27 Issue: 4 2014 Apr

Authors Song DJ,Kang HY,Wang JQ,Peng H,Bu DP

Antioxidant, antimicrobial and phytochemical variations in thirteen Moringa oleifera Lam. cultivars.

Molecules (Basel, Switzerland) , Volume: 19 Issue: 7 2014 Jul 18

Authors Ndhlala AR,Mulaudzi R,Ncube B,Abdelgadir HA,du Plooy CP,Van Staden J

Free-radical scavenging activity and antibacterial impact of Greek oregano isolates obtained by SFE.

Food chemistry , Volume: 165 2014 Dec 15

Authors Stamenic M,Vulic J,Djilas S,Misic D,Tadic V,Petrovic S,Zizovic I

The antimicrobial activity of Azadirachta indica, Mimusops elengi, Tinospora cardifolia, Ocimum sanctum and 2% chlorhexidine gluconate on common endodontic pathogens: An in vitro study.

European journal of dentistry , Volume: 8 Issue: 2 2014 Apr

Authors Mistry KS,Sanghvi Z,Parmar G,Shah S

Effects of probiotic Enterococcus faecium and Saccharomyces cerevisiae on the faecal microflora of pet rabbits.

The Journal of small animal practice , Volume: 55 Issue: 9 2014 Sep

Authors Benato L,Hastie P,O`Shaughnessy P,Murray JA,Meredith A

Effects of diet on gut microbiota profile and the implications for health and disease.

Bioscience of microbiota, food and health , Volume: 32 Issue: 1 2013

Authors Lee YK

Exploring the effects of galacto-oligosaccharides on the gut microbiota of healthy adults receiving amoxicillin treatment.

The British journal of nutrition , Volume: 112 Issue: 4 2014 Aug 28

Authors Ladirat SE,Schoterman MH,Rahaoui H,Mars M,Schuren FH,Gruppen H,Nauta A,Schols HA

Effects of natural honey on polymicrobial culture of various human pathogens.

Archives of medical science : AMS , Volume: 10 Issue: 2 2014 May 12

Authors Al-Waili NS,Al-Waili FS,Akmal M,Ali A,Salom KY,Al Ghamdi AA

Effect of methylglyoxal on multidrug-resistant Pseudomonas aeruginosa.

Frontiers in microbiology , Volume: 5 2014

Authors Hayashi K,Fukushima A,Hayashi-Nishino M,Nishino K

Efficacy of Papacarie® in reduction of residual bacteria in deciduous teeth: a randomized, controlled clinical trial.

Clinics (Sao Paulo, Brazil) , Volume: 69 Issue: 5 2014

Authors Motta LJ,Bussadori SK,Campanelli AP,Silva AL,Alfaya TA,Godoy CH,Navarro MF

Effects of probiotics on the growth performance and intestinal micro flora of broiler chickens.

Pakistan journal of pharmaceutical sciences , Volume: 27 Issue: 3 Suppl 2014 May

Authors Li YB,Xu QQ,Yang CJ,Yang X,Lv L,Yin CH,Liu XL,Yan H

In vitro assessment of marine Bacillus for use as livestock probiotics.

Marine drugs , Volume: 12 Issue: 5 2014 Apr 30

Authors Prieto ML,O`Sullivan L,Tan SP,McLoughlin P,Hughes H,Gutierrez M,Lane JA,Hickey RM,Lawlor PG,Gardiner GE

Synergetic antimicrobial effects of mixtures of ethiopian honeys and ginger powder extracts on standard and resistant clinical bacteria isolates.

Evidence-based complementary and alternative medicine : eCAM , Volume: 2014 2014

Authors Ewnetu Y,Lemma W,Birhane N

Screening of Lactobacillus spp. for the prevention of Pseudomonas aeruginosa pulmonary infections.

BMC microbiology , Volume: 14 2014 Apr 27

Authors Alexandre Y,Le Berre R,Barbier G,Le Blay G

Lactobacillus plantarum IFPL935 impacts colonic metabolism in a simulator of the human gut microbiota during feeding with red wine polyphenols.

Applied microbiology and biotechnology , Volume: 98 Issue: 15 2014 Aug

Authors Barroso E,Van de Wiele T,Jiménez-Girón A,Muñoz-González I,Martín-Alvarez PJ,Moreno-Arribas MV,Bartolomé B,Peláez C,Martínez-Cuesta MC,Requena T

A rosemary extract rich in carnosic acid selectively modulates caecum microbiota and inhibits β -glucosidase activity, altering fiber and short chain fatty acids fecal excretion in lean and obese female rats.

PloS one , Volume: 9 Issue: 4 2014

Authors Romo-Vaquero M,Selma MV,Larrosa M,Obiol M,García-Villalba R,González-Barrio R,Issaly N,Flanagan J,Roller M,Tomás-Barberán FA,García-Conesa MT

[Effects of resveratrol on gut microbiota and fat storage in a mouse model with high-fat-induced obesity.](#)

Food & function , Volume: 5 Issue: 6 2014 Jun

Authors Qiao Y,Sun J,Xia S,Tang X,Shi Y,Le G

[Anti-staphylococcal activity of C-methyl flavanones from propolis of Australian stingless bees \(*Tetragonula carbonaria*\) and fruit resins of *Corymbia torelliana* \(Myrtaceae\).](#)

Fitoterapia , Volume: 95 2014 Jun

Authors Massaro CF,Katouli M,Grkovic T,Vu H,Quinn RJ,Heard TA,Carvalho C,Manley-Harris M,Wallace HM,Brooks P

[454 pyrosequencing reveals changes in the faecal microbiota of adults consuming *Lactobacillus casei* Zhang](#)

FEMS microbiology ecology , Volume: 88 Issue: 3 2014 Jun

Authors Zhang J,Wang L,Guo Z,Sun Z,Gesudu Q,Kwok L,Menghebilige,Zhang H

[Anti-quorum sensing activity of *Psidium guajava* L. flavonoids against *Chromobacterium violaceum* and *Pseudomonas aeruginosa* PAO1](#)

Microbiology and immunology , Volume: 58 Issue: 5 2014 May

Authors Vasavi HS,Arun AB,Rekha PD

[Effects of *Lactobacillus plantarum* on production performance, immune characteristics, antioxidant status, and intestinal microflora of bursin-immunized broilers.](#)

Canadian journal of microbiology , Volume: 60 Issue: 4 2014 Apr

Authors Shen X,Yi D,Ni X,Zeng D,Jing B,Lei M,Bian Z,Zeng Y,Li T,Xin J

[The natural antimicrobial carvacrol inhibits quorum sensing in *Chromobacterium violaceum* and reduces bacterial biofilm formation at sub-lethal concentrations.](#)

PloS one , Volume: 9 Issue: 4 2014

Authors Burt SA,Ojo-Fakunle VT,Woertman J,Veldhuizen EJ

[A comparison of the anti-*Staphylococcus aureus* activity of extracts from commonly used medicinal plants.](#)

Journal of alternative and complementary medicine (New York, N.Y.) , Volume: 20 Issue: 5 2014 May

Authors Snowden R,Harrington H,Morrill K,Jeane L,Garrity J,Orian M,Lopez E,Rezaie S,Hassberger K,Familoni D,Moore J,Virdee K,Albornoz-Sanchez L,Walker M,Cavins J,Russell T,Guse E,Reker M,Tschudy O,Wolf J,True T,Ukaegbu O,Ahaghotu E,Jones A,Polanco S,Rochon Y,Waters R,Langland J

[Antibacterial effect of Iranian green-tea-containing mouthrinse vs chlorhexidine 0.2%: an in vitro study.](#)

Oral health & preventive dentistry , Volume: 12 Issue: 2 2014

Authors Ardakani MR,Golmohammadi S,Ayremilou S,Taheri S,Daneshvar S,Meimandi M

[Changes chemopreventive markers in colorectal cancer development after inulin supplementation.](#)

Bratislavske lekarske listy , Volume: 115 Issue: 2 2014

Authors Hijova E,Szabadosova V,Strojny L,Bomba A

[Evaluation of the efficacy and safety of a marine-derived *Bacillus* strain for use as an in-feed probiotic for newly weaned pigs.](#)

PloS one , Volume: 9 Issue: 2 2014

Authors Prieto ML,O'Sullivan L,Tan SP,McLoughlin P,Hughes H,O'Donovan O,Rea MC,Kent RM,Cassidy JP,Gardiner GE,Lawlor PG

[RNA-stable-isotope probing shows utilization of carbon from inulin by specific bacterial populations in the rat large bowel.](#)

Applied and environmental microbiology , Volume: 80 Issue: 7 2014 Apr

Authors Tannock GW,Lawley B,Munro K,Sims IM,Lee J,Butts CA,Roy N

[A quantitative assessment of the antimicrobial activity of garlic \(*Allium sativum*\).](#)

World journal of microbiology & biotechnology , Volume: 9 Issue: 3 1993 May

Authors Rees LP,Minney SF,Plummer NT,Slater JH,Skyrme DA

[Selective proliferation of intestinal *Barnesiella* under fucosyllactose supplementation in mice.](#)

The British journal of nutrition , Volume: 111 Issue: 9 2014 May

Authors Weiss GA,Chassard C,Hennet T

[Oral administration of *Lactobacillus fermentum* I5007 favors intestinal development and alters the intestinal microbiota in formula-fed piglets.](#)

Journal of agricultural and food chemistry , Volume: 62 Issue: 4 2014 Jan 29

Authors Liu H,Zhang J,Zhang S,Yang F,Thacker PA,Zhang G,Qiao S,Ma X

[Lactobacillus paracasei subsp. paracasei LC01 positively modulates intestinal microflora in healthy young adults.](#)

Journal of microbiology (Seoul, Korea) , Volume: 51 Issue: 6 2013 Dec

Authors Zhang H,Sun J,Liu X,Hong C,Zhu Y,Liu A,Li S,Guo H,Ren F

[Antibacterial, antifungal and antioxidant activities of honey collected from Timergara \(Dir, Pakistan\).](#)

Pakistan journal of pharmaceutical sciences , Volume: 27 Issue: 1 2014 Jan

Authors Zahoor M,Naz S,Sangeen M

Additional oligofructose/inulin does not increase faecal bifidobacteria in critically ill patients receiving enteral nutrition: a randomised controlled trial.

Clinical nutrition (Edinburgh, Scotland) , Volume: 33 Issue: 6 2014 Dec

Authors Majid HA,Cole J,Emery PW,Whelan K

Influence of carvacrol and thymol on the physiological attributes, enterotoxin production and surface characteristics of Staphylococcus aureus strains isolated from foods.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 44 Issue: 1 2013

Authors Souza EL,Oliveira CE,Stamford TL,Conceição ML,Neto NJ

Effects of a probiotic, Enterococcus faecium, on growth performance, intestinal morphology, immune response, and cecal microflora in broiler chickens challenged with Escherichia coli K88.

Poultry science , Volume: 92 Issue: 11 2013 Nov

Authors Cao GT,Zeng XF,Chen AG,Zhou L,Zhang L,Xiao YP,Yang CM

In vitro anti-bacterial and anti-adherence effects of Lactobacillus delbrueckii subsp bulgaricus on Escherichia coli.

Research in pharmaceutical sciences , Volume: 8 Issue: 4 2013 Oct

Authors Abedi D,Feizizadeh S,Akbari V,Jafarian-Dehkordi A

Role of probiotics in the prevention and treatment of methicillin-resistant Staphylococcus aureus infections.

International journal of antimicrobial agents , Volume: 42 Issue: 6 2013 Dec

Authors Sikorska H,Smoragiewicz W

Antioxidant, antibacterial and ACE-inhibitory activity of four monofloral honeys in relation to their chemical composition.

Food & function , Volume: 4 Issue: 11 2013 Nov

Authors León-Ruiz V,González-Porto AV,Al-Habsi N,Vera S,San Andrés MP,Jauregi P

Probiotic features of two oral Lactobacillus isolates.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 43 Issue: 1 2012 Jan

Authors Zavisic G,Petricevic S,Radulovic Z,Begovic J,Golic N,Topisirovic L,Strahinic I

Antimicrobial activity of essential oils against vancomycin-resistant enterococci (vre) and Escherichia coli o157:h7 in feta soft cheese and minced beef meat.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 42 Issue: 1 2011 Jan

Authors Selim S

Bacteriocins produced by L. Fermentum and L. Acidophilus can inhibit cephalosporin resistant e. Coli.

Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology] , Volume: 41 Issue: 3 2010 Jul

Authors Riaz S,Kashif Nawaz S,Hasnain S

Chemical composition and biological activity of the essential oil from leaves of Moringa oleifera Lam. cultivated in Mozambique.

Molecules (Basel, Switzerland) , Volume: 18 Issue: 9 2013 Sep 9

Authors Marrufo T,Nazzaro F,Mancini E,Fratianni F,Coppola R,De Martino L,Agostinho AB,De Feo V

Effects of inulin and di-D-fructose dianhydride-enriched caramels on intestinal microbiota composition and performance of broiler chickens.

Animal : an international journal of animal bioscience , Volume: 7 Issue: 11 2013 Nov

Authors Peinado MJ,Echávarri A,Ruiz R,Suárez-Pereira E,Ortiz Mellet C,García Fernández JM,Rubio LA

Utilization of major fucosylated and sialylated human milk oligosaccharides by isolated human gut microbes.

Glycobiology , Volume: 23 Issue: 11 2013 Nov

Authors Yu ZT,Chen C,Newburg DS

Kiwifruit (Actinidia deliciosa) changes intestinal microbial profile.

Microbial ecology in health and disease , Volume: 23 2012

Authors Lee YK,Low KY,Siah K,Drummond LM,Gwee KA

Functional ginger extracts from supercritical fluid carbon dioxide extraction via in vitro and in vivo assays: antioxidation, antimicroorganism, and mice xenografts models.

TheScientificWorldJournal , Volume: 2013 2013

Authors Lee CC,Chiou LY,Wang JY,Chou SY,Lan JC,Huang TS,Huang KC,Wang HM

Dietary grape seed extract ameliorates symptoms of inflammatory bowel disease in IL10-deficient mice.

Molecular nutrition & food research , Volume: 57 Issue: 12 2013 Dec

Authors Wang H,Xue Y,Zhang H,Huang Y,Yang G,Du M,Zhu MJ

Antimicrobial activity of green tea extract against isolates of methicillin-resistant Staphylococcus aureus and multi-drug resistant Pseudomonas aeruginosa.

Asian Pacific journal of tropical biomedicine , Volume: 3 Issue: 8 2013 Aug

Authors Radji M,Agustama RA,Elya B,Tjampakasari CR

[Lowbush wild blueberries have the potential to modify gut microbiota and xenobiotic metabolism in the rat colon.](#)

PloS one , Volume: 8 Issue: 6 2013

Authors Lacombe A,Li RW,Klimis-Zacas D,Kristo AS,Tadepalli S,Krauss E,Young R,Wu VC

[Effects of microencapsulated *Enterococcus faecalis* CG1.0007 on growth performance, antioxidation activity, and intestinal microbiota in broiler chickens.](#)

Journal of animal science , Volume: 91 Issue: 9 2013 Sep

Authors Han W,Zhang XL,Wang DW,Li LY,Liu GL,Li AK,Zhao YX

[Green tea as an effective antimicrobial for urinary tract infections caused by *Escherichia coli*.](#)

Frontiers in microbiology , Volume: 4 2013

Authors Reygaert W,Jusufi I

[Influence of propolis on hygiene, gingival condition, and oral microflora in patients with cleft lip and palate treated with fixed orthodontic appliances.](#)

Evidence-based complementary and alternative medicine : eCAM , Volume: 2013 2013

Authors Machorowska-Pieniazek A,Morawiec T,Mertas A,Tanasiewicz M,Dziedzic A,Król W

[Antibacterial activity of selected Malaysian honey.](#)

BMC complementary and alternative medicine , Volume: 13 2013 Jun 10

Authors Zainol MI,Mohd Yusoff K,Mohd Yusof MY

[Leaf extract of *Azadirachta indica* \(neem\): a potential antibiofilm agent for *Pseudomonas aeruginosa*.](#)

Pathogens and disease , Volume: 69 Issue: 1 2013 Oct

Authors Harjai K,Bala A,Gupta RK,Sharma R

[In vitro evaluation of Portuguese propolis and floral sources for antiprotozoal, antibacterial and antifungal activity.](#)

Phytotherapy research : PTR , Volume: 28 Issue: 3 2014 Mar

Authors Falcão SI,Vale N,Cos P,Gomes P,Freire C,Maes L,Vilas-Boas M

[An in vitro evaluation of the antimicrobial efficacy of *Curcuma longa*, *Tachyspermum ammi*, chlorhexidine gluconate, and calcium hydroxide on *Enterococcus faecalis*.](#)

Journal of conservative dentistry : JCD , Volume: 16 Issue: 2 2013 Mar

Authors Kumar H

[Phytochemical Screening and Antimicrobial Activity of Some Medicinal Plants Against Multi-drug Resistant Bacteria from Clinical Isolates.](#)

Indian journal of pharmaceutical sciences , Volume: 74 Issue: 5 2012 Sep

Authors Dahiya P,Purkayastha S

[Effects of vanillin, quillaja saponin, and essential oils on in vitro fermentation and protein-degrading microorganisms of the rumen.](#)

Applied microbiology and biotechnology , Volume: 98 Issue: 2 2014 Jan

Authors Patra AK,Yu Z

[In vitro probiotic properties of *Lactobacillus fermentum* SK5 isolated from vagina of a healthy woman.](#)

Anaerobe , Volume: 22 2013 Aug

Authors Kaewnopparat S,Dangmanee N,Kaewnopparat N,Srichana T,Chulasiri M,Settharaksa S

[Influence of coffee \(*Coffea arabica*\) and galacto-oligosaccharide consumption on intestinal microbiota and the host responses.](#)

FEMS microbiology letters , Volume: 343 Issue: 2 2013 Jun

Authors Nakayama T,Oishi K

[Antibacterial activity and mode of action of ferulic and gallic acids against pathogenic bacteria.](#)

Microbial drug resistance (Larchmont, N.Y.) , Volume: 19 Issue: 4 2013 Aug

Authors Borges A,Ferreira C,Saavedra MJ,Simões M

[Grain-rich diets differently alter ruminal and colonic abundance of microbial populations and lipopolysaccharide in goats.](#)

Anaerobe , Volume: 20 2013 Apr

Authors Metzler-Zebeli BU,Schmitz-Esser S,Klevenhusen F,Podstatzky-Lichtenstein L,Wagner M,Zebeli Q

[Fecal microbial communities of healthy adult dogs fed raw meat-based diets with or without inulin or yeast cell wall extracts as assessed by 454 pyrosequencing.](#)

FEMS microbiology ecology , Volume: 84 Issue: 3 2013 Jun

Authors Beloshapka AN,Dowd SE,Suchodolski JS,Steiner JM,Duclos L,Swanson KS

[Metagenomic analyses of alcohol induced pathogenic alterations in the intestinal microbiome and the effect of *Lactobacillus rhamnosus* GG treatment.](#)

PloS one , Volume: 8 Issue: 1 2013

Authors Bull-Otterson L,Feng W,Kirpich I,Wang Y,Qin X,Liu Y,Gobejishvili L,Joshi-Barve S,Ayvaz T,Petrosino J,Kong M,Barker

D,McClain C,Barve S

Decontamination of Salmonella, Shigella, and Escherichia coli O157:H7 from leafy green vegetables using edible plant extracts.

Journal of food science , Volume: 78 Issue: 2 2013 Feb

Authors Orue N,García S,Feng P,Heredia N

Antibacterial and antimycotic activities of Slovenian honeys.

British journal of biomedical science , Volume: 69 Issue: 4 2012

Authors Kuncic MK,Jaklic D,Lapanje A,Gunde-Cimerman N

In vitro antimicrobial assessment of Cuban propolis extracts.

Memorias do Instituto Oswaldo Cruz , Volume: 107 Issue: 8 2012 Dec

Authors Monzote L,Cuesta-Rubio O,Campo Fernandez M,Márquez Hernandez I,Fraga J,Pérez K,Kerstens M,Maes L,Cos P

The inhibitory effect of polyphenols on human gut microbiota.

Journal of physiology and pharmacology : an official journal of the Polish Physiological Society , Volume: 63 Issue: 5 2012 Oct

Authors Duda-Chodak A

AFM probing the mechanism of synergistic effects of the green tea polyphenol (-)-epigallocatechin-3-gallate (EGCG) with cefotaxime against extended-spectrum beta-lactamase (ESBL)-producing Escherichia coli.

PloS one , Volume: 7 Issue: 11 2012

Authors Cui Y,Kim SH,Kim H,Yeom J,Ko K,Park W,Park S

Synergistic effects of honey and propolis toward drug multi-resistant Staphylococcus aureus, Escherichia coli and Candida albicans isolates in single and polymicrobial cultures.

International journal of medical sciences , Volume: 9 Issue: 9 2012

Authors Al-Waili N,Al-Ghamdi A,Ansari MJ,Al-Attal Y,Salom K

Antibacterial activity of Greek and Cypriot honeys against Staphylococcus aureus and Pseudomonas aeruginosa in comparison to manuka honey.

Journal of medicinal food , Volume: 16 Issue: 1 2013 Jan

Authors Anthimidou E,Mossialos D

In vitro antimicrobial activities of cinnamon bark oil, anethole, carvacrol, eugenol and guaiazulene against Mycoplasma hominis clinical isolates.

Biomedical papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia , Volume: 158 Issue: 2 2014 Jun

Authors Sleha R,Mosio P,Vydrzalova M,Jantovska A,Bostikova V,Mazurova J

In vitro fermentation of commercial α -gluco-oligosaccharide by faecal microbiota from lean and obese human subjects.

The British journal of nutrition , Volume: 109 Issue: 11 2013 Jun

Authors Sarbini SR,Kolida S,Gibson GR,Rastall RA

Effects of oat β -glucan and barley β -glucan on fecal characteristics, intestinal microflora, and intestinal bacterial metabolites in rats.

Journal of agricultural and food chemistry , Volume: 60 Issue: 45 2012 Nov 14

Authors Shen RL,Dang XY,Dong JL,Hu XZ

Vitamin C inhibits staphylococcus aureus growth and enhances the inhibitory effect of quercetin on growth of Escherichia coli in vitro.

Planta medica , Volume: 78 Issue: 17 2012 Nov

Authors Kallio J,Jaakkola M,Mäki M,Kilpeläinen P,Virtanen V

Antibacterial activity of various honey types of Algeria against Staphylococcus aureus and Streptococcus pyogenes.

Asian Pacific journal of tropical medicine , Volume: 5 Issue: 10 2012 Oct

Authors Moussa A,Nouredine D,Mohamed HS,Abdelmelek M,Saad A

Gut microbiome composition is linked to whole grain-induced immunological improvements.

The ISME journal , Volume: 7 Issue: 2 2013 Feb

Authors Martínez I,Lattimer JM,Hubach KL,Case JA,Yang J,Weber CG,Louk JA,Rose DJ,Kyureghian G,Peterson DA,Haub MD,Walter J

The principal fucosylated oligosaccharides of human milk exhibit prebiotic properties on cultured infant microbiota.

Glycobiology , Volume: 23 Issue: 2 2013 Feb

Authors Yu ZT,Chen C,Kling DE,Liu B,McCoy JM,Merighi M,Heidtman M,Newburg DS

Effects of cereal β -glucans and enzyme inclusion on the porcine gastrointestinal tract microbiota.

Anaerobe , Volume: 18 Issue: 6 2012 Dec

Authors Murphy P,Bello FD,O'Doherty JV,Arendt EK,Sweeney T,Coffey A

Chemical composition, olfactory analysis and antibacterial activity of Thymus vulgaris chemotypes geraniol, 4-thujanol/terpinen-4-ol, thymol and linalool cultivated in southern France.

Natural product communications , Volume: 7 Issue: 8 2012 Aug

Authors Schmidt E,Wanner J,Hliferl M,Jirovetz L,Buchbauer G,Gochev V,Girova T,Stoyanova A,Geissler M

Assessment of the in vitro inhibitory activity of specific probiotic bacteria against different Escherichia coli strains.

Journal of clinical gastroenterology , Volume: 46 Suppl 2012 Oct

Authors Mogna L,Del Piano M,Deidda F,Nicola S,Soattini L,Debiaggi R,Sforza F,Strozzi G,Mogna G

Fermented milk supplemented with probiotics and prebiotics can effectively alter the intestinal microbiota and immunity of host animals.

Journal of dairy science , Volume: 95 Issue: 9 2012 Sep

Authors Wang S,Zhu H,Lu C,Kang Z,Luo Y,Feng L,Lu X

The inhibitory activity of typhoid propolis against Enterococcus species.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 67 Issue: 5-6 2012 May-Jun

Authors Moncla BJ,Guevara PW,Wallace JA,Marcucci MC,Nor JE,Bretz WA

Two novel bioactive glucosinolates from Broccoli (Brassica oleracea L. var. italica) florets.

Bioorganic & medicinal chemistry letters , Volume: 22 Issue: 17 2012 Sep 1

Authors Suray NS,Kumar B,Jang M,Yoon DY,Jung YS,Yang DC,Park SW

Low iron availability in continuous in vitro colonic fermentations induces strong dysbiosis of the child gut microbial consortium and a decrease in main metabolites.

FEMS microbiology ecology , Volume: 83 Issue: 1 2013 Jan

Authors Dostal A,Fehlbaum S,Chassard C,Zimmermann MB,Lacroix C

Enzyme deactivation treatments did not decrease the beneficial role of oat food in intestinal microbiota and short-chain fatty acids: an in vivo study.

Journal of the science of food and agriculture , Volume: 93 Issue: 3 2013 Feb

Authors Hu X,Xing X,Zhen H

Effect of chito-oligosaccharide on growth performance, intestinal barrier function, intestinal morphology and cecal microflora in weaned pigs.

Journal of animal science , Volume: 90 Issue: 8 2012 Aug

Authors Yang CM,Ferket PR,Hong QH,Zhou J,Cao GT,Zhou L,Chen AG

Green tea increases the survival yield of Bifidobacteria in simulated gastrointestinal environment and during refrigerated conditions.

Chemistry Central journal , Volume: 6 Issue: 1 2012 Jun 22

Authors Vodnar DC,Socaciu C

Report: Studies on antibacterial activity of some traditional medicinal plants used in folk medicine.

Pakistan journal of pharmaceutical sciences , Volume: 25 Issue: 3 2012 Jul

Authors Israr F,Hassan F,Naqvi BS,Azhar I,Jabeen S,Hasan SM

Thymol nanospheres as an effective anti-bacterial agent.

International journal of pharmaceutics , Volume: 434 Issue: 1-2 2012 Sep 15

Authors Wattanasatcha A,Rengpipat S,Wanichwecharunguang S

Gaseous CO₂ signal initiates growth of butyric-acid-producing Clostridium butyricum in both pure culture and mixed cultures with Lactobacillus brevis.

Canadian journal of microbiology , Volume: 58 Issue: 7 2012 Jul

Authors Hakalehto E,Hänninen O

Synthesis and evaluation of antimicrobial activity of 4H-pyrimido[2,1-b]benzothiazole, pyrazole and benzylidene derivatives of curcumin.

European journal of medicinal chemistry , Volume: 54 2012 Aug

Authors Sahu PK,Sahu PK,Gupta SK,Thavaselvam D,Agarwal DD

Antagonistic Action of Lactobacilli and Bifidobacteria in Relation to Staphylococcus aureus and Their Influence on the Immune Response in Cases of Intravaginal Staphylococcosis in Mice.

Probiotics and antimicrobial proteins , Volume: 4 Issue: 2 2012 Jun

Authors Lazarenko L,Babenko L,Sichel LS,Pidgorskyi V,Mokrozub V,Voronkova O,Spivak M

Microbiota benefits after inulin and partially hydrolyzed guar gum supplementation: a randomized clinical trial in constipated women.

Nutricion hospitalaria , Volume: 27 Issue: 1 2012 Jan-Feb

Authors Linetzky Waitzberg D,Alves Pereira CC,Logullo L,Manzoni Jacintho T,Almeida D,Teixeira da Silva ML,Matos de Miranda Torrinas RS

Haridra (curcuma longa) and its effect on abhisayanda (conjunctivitis).

Ancient science of life , Volume: 8 Issue: 3-4 1989 Jan

Authors Srinivas C,Prabhakaran KV

Antimicrobial Potency of the Leaf - Stalk Extract of Curcuma longa (LINN).

Ancient science of life , Volume: 20 Issue: 1-2 2000 Jul

Authors Mazumder R,Mendiratta T,Mondal SC,Mazumder A

Antimicrobial action of the leaf extract of moringa oleifera lam.

Ancient science of life , Volume: 14 Issue: 3 1995 Jan

Authors Pal SK,Mukherjee PK,Saha K,Pal M,Saha BP

Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers.

The American journal of clinical nutrition , Volume: 95 Issue: 6 2012 Jun

Authors Queipo-Ortuño MI,Boto-Ordóñez M,Murri M,Gomez-Zumaquero JM,Clemente-Postigo M,Estruch R,Cardona Diaz F,Andrés-Lacueva C,Tinahones FJ

The antimicrobial action of chitosan, low molar mass chitosan, and chitooligosaccharides on human colonic bacteria.

Folia microbiologica , Volume: 57 Issue: 4 2012 Jul

Authors Simunek J,Brandysová V,Koppová I,Simunek J Jr

Effect of garlic powder on the growth of commensal bacteria from the gastrointestinal tract.

Phytomedicine : international journal of phytotherapy and phytopharmacology , Volume: 19 Issue: 8-9 2012 Jun 15

Authors Filocamo A,Nueno-Palop C,Bisignano C,Mandalari G,Narbad A

Microbial composition and in vitro fermentation patterns of human milk oligosaccharides and prebiotics differ between formula-fed and sow-reared piglets.

The Journal of nutrition , Volume: 142 Issue: 4 2012 Apr

Authors Li M,Bauer LL,Chen X,Wang M,Kuhlenschmidt TB,Kuhlenschmidt MS,Fahey GC Jr,Donovan SM

Changes in gut microbiota in children with atopic dermatitis administered the bacteria Lactobacillus casei DN-114001

Polish journal of microbiology , Volume: 60 Issue: 4 2011

Authors Klewicka E,Cukrowska B,Libudzisz Z,Slizewska K,Motyl I

Inulin and fructo-oligosaccharides have divergent effects on colitis and commensal microbiota in HLA-B27 transgenic rats.

The British journal of nutrition , Volume: 108 Issue: 9 2012 Nov 14

Authors Koleva PT,Valcheva RS,Sun X,Gänzle MG,Dieleman LA

Synthesis and characterization of chitosan and grape polyphenols stabilized palladium nanoparticles and their antibacterial activity.

Colloids and surfaces. B, Biointerfaces , Volume: 92 2012 Apr 1

Authors Amarnath K,Kumar J,Reddy T,Mahesh V,Ayyappan SR,Nellore J

Grape antioxidant dietary fiber stimulates Lactobacillus growth in rat cecum.

Journal of food science , Volume: 77 Issue: 2 2012 Feb

Authors Pozuelo MJ,Agís-Torres A,Hervet-Hernández D,Elvira López-Oliva M,Muñoz-Martínez E,Rotger R,Goñi I

Antioxidant and antibacterial properties of green, black, and herbal teas of Camellia sinensis.

Pharmacognosy research , Volume: 3 Issue: 4 2011 Oct

Authors Chan EW,Soh EY,Tie PP,Law YP

Increasing antibiotic activity against a multidrug-resistant Acinetobacter spp by essential oils of Citrus limon and Cinnamomum zeylanicum.

Natural product research , Volume: 26 Issue: 23 2012

Authors Guerra FQ,Mendes JM,Sousa JP,Morais-Braga MF,Santos BH,Melo Coutinho HD,Lima Ede O

The antimicrobial activity of essential oils and extracts of some medicinal plants grown in Ash-shoubak region - South of Jordan.

Pakistan journal of pharmaceutical sciences , Volume: 25 Issue: 1 2012 Jan

Authors Abu-Darwish MS,Al-Ramamneh EA,Kyslychenko VS,Karpiuk UV

Effect of the oral intake of yogurt containing Bifidobacterium longum BB536 on the cell numbers of enterotoxigenic Bacteroides fragilis in microbiota.

Anaerobe , Volume: 18 Issue: 1 2012 Feb

Authors Odamaki T,Sugahara H,Yonezawa S,Yaeshima T,Iwatsuki K,Tanabe S,Tominaga T,Togashi H,Benno Y,Xiao JZ

Six-week consumption of a wild blueberry powder drink increases bifidobacteria in the human gut.

Journal of agricultural and food chemistry , Volume: 59 Issue: 24 2011 Dec 28

Authors Vendrame S,Guglielmetti S,Riso P,Arioli S,Klimis-Zacas D,Porrini M

Synergistic antimicrobial activities of natural essential oils with chitosan films.

Journal of agricultural and food chemistry , Volume: 59 Issue: 23 2011 Dec 14

Authors Wang L,Liu F,Jiang Y,Chai Z,Li P,Cheng Y,Jing H,Leng X

The effect of probiotics on faecal microbiota and genotoxic activity of faecal water in patients with atopic dermatitis: a randomized, placebo-controlled study.

Clinical nutrition (Edinburgh, Scotland) , Volume: 31 Issue: 1 2012 Feb

Authors Roessler A,Forssten SD,Glei M,Ouwehand AC,Jahreis G

In-vitro antimicrobial activity and synergistic/ antagonistic effect of interactions between antibiotics and some spice essential oils.

Journal of environmental biology , Volume: 32 Issue: 1 2011 Jan

Authors Toroglu S

Wheat- and barley-based diets with or without additives influence broiler chicken performance, nutrient digestibility and intestinal microflora.

Journal of the science of food and agriculture , Volume: 92 Issue: 1 2012 Jan 15

Authors Rodríguez ML,Rebolé A,Velasco S,Ortiz LT,Treviño J,Alzueta C

Cytotoxicity, antiviral and antimicrobial activities of alkaloids, flavonoids, and phenolic acids.

Pharmaceutical biology , Volume: 49 Issue: 4 2011 Apr

Authors Özçelik B,Kartal M,Orhan I

Effects of dietary polyphenol-rich grape products on intestinal microflora and gut morphology in broiler chicks.

Poultry science , Volume: 90 Issue: 3 2011 Mar

Authors Viveros A,Chamorro S,Pizarro M,Arija I,Centeno C,Brenes A

High-throughput method for comparative analysis of denaturing gradient gel electrophoresis profiles from human fecal samples reveals significant increases in two bifidobacterial species after inulin-type prebiotic intake.

FEMS microbiology ecology , Volume: 75 Issue: 2 2011 Feb

Authors Joossens M,Huys G, Van Steen K,Cnockaert M,Vermeire S,Rutgeerts P,Verbeke K,Vandamme P,De Preter V

Development of biosensor-based assays to identify anti-infective oligosaccharides.

Analytical biochemistry , Volume: 410 Issue: 2 2011 Mar 15

Authors Lane JA,Mehra RK,Carrington SD,Hickey RM

Antibacterial effects of the essential oils of commonly consumed medicinal herbs using an in vitro model.

Molecules (Basel, Switzerland) , Volume: 15 Issue: 11 2010 Oct 27

Authors Sokovic M,Glamoclija J,Marin PD,Brkic D,van Griensven LJ

The effects of iron fortification on the gut microbiota in African children: a randomized controlled trial in Cote d'Ivoire.

The American journal of clinical nutrition , Volume: 92 Issue: 6 2010 Dec

Authors Zimmermann MB,Chassard C,Rohner F,N'goran EK,Nindjin C,Dostal A,Utzinger J,Ghattas H,Lacroix C,Hurrell RF

[Functional biostructure of colonic microbiota (central fermenting area, germinal stock area and separating mucus layer) in healthy subjects and patients with diarrhea treated with Saccharomyces boulardii].

Gastroenterologie clinique et biologique , Volume: 34 Suppl 1 2010 Sep

Authors Swidsinski A,Loening-Baucke V,Kirsch S,Doerffel Y

Biodegradable gelatin-chitosan films incorporated with essential oils as antimicrobial agents for fish preservation.

Food microbiology , Volume: 27 Issue: 7 2010 Oct

Authors Gómez-Estaca J,López de Lacey A,López-Caballero ME,Gómez-Guillén MC,Montero P

Dietary cellulose, fructooligosaccharides, and pectin modify fecal protein catabolites and microbial populations in adult cats.

Journal of animal science , Volume: 88 Issue: 9 2010 Sep

Authors Barry KA,Wojcicki BJ,Middelbos IS,Vester BM,Swanson KS,Fahey GC Jr

The influence of pomegranate by-product and punicalagins on selected groups of human intestinal microbiota.

International journal of food microbiology , Volume: 140 Issue: 2-3 2010 Jun 15

Authors Bialonska D,Ramnani P,Kasimsetty SG,Muntha KR,Gibson GR,Ferreira D

Low levels of faecal lactobacilli in women with iron-deficiency anaemia in south India.

The British journal of nutrition , Volume: 104 Issue: 7 2010 Oct

Authors Balamurugan R,Mary RR,Chittaranjan S,Jancy H,Shobana Devi R,Ramakrishna BS

Consumption of human milk oligosaccharides by gut-related microbes.

Journal of agricultural and food chemistry , Volume: 58 Issue: 9 2010 May 12

Authors Marcobal A,Barboza M,Froehlich JW,Block DE,German JB,Lebrilla CB,Mills DA

Feed supplementation of Lactobacillus plantarum PCA 236 modulates gut microbiota and milk fatty acid composition in dairy goats—a preliminary study.

International journal of food microbiology , Volume: 141 Suppl 1 2010 Jul 31

Authors Maragkoudakis PA,Mountzouris KC,Rosu C,Zoumpopoulou G,Papadimitriou K,Dalaka E,Hadjipetrou A,Theofanous G,Strozzi GP,Carlini N,Zervas G,Tsakalidou E

Effect of apple intake on fecal microbiota and metabolites in humans.

Anaerobe , Volume: 16 Issue: 5 2010 Oct

Authors Shinohara K,Ohashi Y,Kawasumi K,Terada A,Fujisawa T

Probiotics have clinical, microbiologic, and immunologic efficacy in acute infectious diarrhea.

The Pediatric infectious disease journal , Volume: 29 Issue: 2 2010 Feb

Authors Chen CC,Kong MS,Lai MW,Chao HC,Chang KW,Chen SY,Huang YC,Chiu CH,Li WC,Lin PY,Chen CJ,Li TY

Chemistry, antioxidant, antibacterial and antifungal activities of volatile oils and their components.

Natural product communications , Volume: 4 Issue: 12 2009 Dec

Authors De Martino L,De Feo V,Fratianni F,Nazzaro F

[Antimicrobial properties of green tea catechins.](#)

Food science and technology bulletin , Volume: 2 2005

Authors Taylor PW,Hamilton-Miller JM,Stapleton PD

[Splenda alters gut microflora and increases intestinal p-glycoprotein and cytochrome p-450 in male rats.](#)

Journal of toxicology and environmental health. Part A , Volume: 71 Issue: 21 2008

Authors Abou-Donia MB,El-Masry EM,Abdel-Rahman AA,McLendon RE,Schiffman SS

[Antioxidant, antihypertensive, and antibacterial properties of endophytic Pestalotiopsis species from medicinal plants.](#)

Canadian journal of microbiology , Volume: 54 Issue: 9 2008 Sep

Authors Tejesvi MV,Kini KR,Prakash HS,Subbiah V,Shetty HS

[In vitro effects of selected synbiotics on the human faecal microbiota composition.](#)

FEMS microbiology ecology , Volume: 66 Issue: 3 2008 Dec

Authors Saulnier DM,Gibson GR,Kolida S

[Exopolysaccharides produced by intestinal Bifidobacterium strains act as fermentable substrates for human intestinal bacteria.](#)

Applied and environmental microbiology , Volume: 74 Issue: 15 2008 Aug

Authors Salazar N,Gueimonde M,Hernández-Barranco AM,Ruas-Madiedo P,de los Reyes-Gavilán CG

[A study of chemical composition and antimicrobial activity of Bulgarian propolis.](#)

Folia medica , Volume: 49 Issue: 3-4 2007

Authors Gardjeva PA,Dimitrova SZ,Kostadinov ID,Murdjeva MA,Peyche LP,Lukanov LK,Stanimirova IV,Alexandrov AS

[In vitro fermentation of oat and barley derived beta-glucans by human faecal microbiota.](#)

FEMS microbiology ecology , Volume: 64 Issue: 3 2008 Jun

Authors Hughes SA,Shewry PR,Gibson GR,McCleary BV,Rastall RA

[The antimicrobial efficacy of plant essential oil combinations and interactions with food ingredients.](#)

International journal of food microbiology , Volume: 124 Issue: 1 2008 May 10

Authors Gutierrez J,Barry-Ryan C,Bourke P

[Synergistic antibacterial activity between Thymus vulgaris and Pimpinella anisum essential oils and methanol extracts.](#)

Journal of ethnopharmacology , Volume: 116 Issue: 3 2008 Mar 28

Authors Al-Bayati FA

[Antibacterial activity of guava \(Psidium guajava L.\) and Neem \(Azadirachta indica A. Juss.\) extracts against foodborne pathogens and spoilage bacteria.](#)

Foodborne pathogens and disease , Volume: 4 Issue: 4 2007 Winter

Authors Mahfuzul Hoque MD,Bari ML,Inatsu Y,Juneja VK,Kawamoto S

[Antibacterial effect of five Zingiberaceae essential oils.](#)

Molecules (Basel, Switzerland) , Volume: 12 Issue: 8 2007 Aug 23

Authors Norajit K,Laohakunjit N,Kerdchoechuen O

[Oral administration of Bifidobacterium longum prevents gut-derived Pseudomonas aeruginosa sepsis in mice.](#)

Journal of applied microbiology , Volume: 104 Issue: 3 2008 Mar

Authors Matsumoto T,Ishikawa H,Tateda K,Yaeshima T,Ishibashi N,Yamaguchi K

[Modifying effects of fermented brown rice on fecal microbiota in rats.](#)

Anaerobe , Volume: 13 Issue: 5-6 2007 Oct-Dec

Authors Kataoka K,Kibe R,Kuwahara T,Hagiwara M,Arimochi H,Iwasaki T,Benno Y,Ohnishi Y

[Chemical composition and biological activity of a new type of Brazilian propolis: red propolis.](#)

Journal of ethnopharmacology , Volume: 113 Issue: 2 2007 Sep 5

Authors Alencar SM,Oldoni TL,Castro ML,Cabral IS,Costa-Neto CM,Cury JA,Rosalen PL,Ikegaki M

[Vapor-phase activities of cinnamon, thyme, and oregano essential oils and key constituents against foodborne microorganisms.](#)

Journal of agricultural and food chemistry , Volume: 55 Issue: 11 2007 May 30

Authors López P,Sánchez C,Batlle R,Nerín C

[Jerusalem artichoke and chicory inulin in bakery products affect faecal microbiota of healthy volunteers.](#)

The British journal of nutrition , Volume: 98 Issue: 3 2007 Sep

Authors Kleessen B,Schwarz S,Boehm A,Fuhrmann H,Richter A,Henle T,Krueger M

[Impact of consumption of different levels of Bifidobacterium lactis HN019 on the intestinal microflora of elderly human subjects.](#)

The journal of nutrition, health & aging , Volume: 11 Issue: 1 2007 Jan-Feb

Authors Ahmed M,Prasad J,Gill H,Stevenson L,Gopal P

[Supplementation of baby formula with native inulin has a prebiotic effect in formula-fed babies.](#)

Asia Pacific journal of clinical nutrition , Volume: 16 Issue: 1 2007

Authors Kim SH, Lee DH, Meyer D

Physiological effects of extraction juices from apple, grape, and red beet pomaces in rats.

Journal of agricultural and food chemistry , Volume: 54 Issue: 26 2006 Dec 27

Authors Sembries S, Dongowski G, Mehrländer K, Will F, Dietrich H

Effects of Bifidobacterium lactis Bb12 supplementation on intestinal microbiota of preterm infants: a double-blind, placebo-controlled, randomized study.

Journal of clinical microbiology , Volume: 44 Issue: 11 2006 Nov

Authors Mohan R, Koebnick C, Schildt J, Schmidt S, Mueller M, Possner M, Radke M, Blaut M

In vitro activity of Bulgarian propolis against 94 clinical isolates of anaerobic bacteria.

Anaerobe , Volume: 12 Issue: 4 2006 Aug

Authors Boyanova L, Kolarov R, Gergova G, Mitov I

Probiotic properties of vaginal lactic acid bacteria to prevent metritis in cattle.

Letters in applied microbiology , Volume: 43 Issue: 1 2006 Jul

Authors Otero MC, Morelli L, Nader-Macías ME

Bioassay-guided purification and identification of antimicrobial components in Chinese green tea extract.

Journal of chromatography. A , Volume: 1125 Issue: 2 2006 Sep 1

Authors Si W, Gong J, Tsao R, Kalab M, Yang R, Yin Y

Antagonistic activity of probiotic lactobacilli and bifidobacteria against entero- and uropathogens.

Journal of applied microbiology , Volume: 100 Issue: 6 2006 Jun

Authors Hütt P, Shchepetova J, Lövukene K, Kullisaar T, Mikelsaar M

Antimicrobial and antiplasmid activities of essential oils.

Fitoterapia , Volume: 77 Issue: 4 2006 Jun

Authors Schelz Z, Molnar J, Hohmann J

Multifactorial aspects of antimicrobial activity of propolis.

Microbiological research , Volume: 161 Issue: 4 2006

Authors Scazzocchio F, D'Auria FD, Alessandrini D, Pantanella F

The protective role of topical propolis on experimental keratitis via nitric oxide levels in rabbits.

Molecular and cellular biochemistry , Volume: 281 Issue: 1-2 2006 Jan

Authors Duran N, Koc A, Oksuz H, Tamer C, Akaydin Y, Kozlu T, Celik M

Red wine polyphenols influence carcinogenesis, intestinal microflora, oxidative damage and gene expression profiles of colonic mucosa in F344 rats.

Mutation research , Volume: 591 Issue: 1-2 2005 Dec 11

Authors Dolara P, Luceri C, De Filippo C, Femia AP, Giovannelli L, Caderni G, Cecchini C, Silvi S, Orpianesi C, Cresci A

Propolis: anti-Staphylococcus aureus activity and synergism with antimicrobial drugs.

Memorias do Instituto Oswaldo Cruz , Volume: 100 Issue: 5 2005 Aug

Authors Fernandes Júnior A, Balestrin EC, Betoni JE, Orsi Rde O, da Cunha Mde L, Montelli AC

Effect of propolis in the treatment of experimental Staphylococcus aureus keratitis in rabbits.

Ophthalmic research , Volume: 37 Issue: 6 2005 Nov-Dec

Authors Oksuz H, Duran N, Tamer C, Cetin M, Silici S

Synergistic antimicrobial activity of tea & antibiotics.

The Indian journal of medical research , Volume: 122 Issue: 1 2005 Jul

Authors Tiwari TP, Bharti SK, Kaur HD, Dikshit RP, Hoondal GS

Antibacterial activity of propolis against Staphylococcus aureus.

International journal of food microbiology , Volume: 102 Issue: 2 2005 Jul 15

Authors Lu LC, Chen YW, Chou CC

Chemical compositions and antimicrobial activities of four different Anatolian propolis samples.

Microbiological research , Volume: 160 Issue: 2 2005

Authors Uzel A, Sorkun K, Onçag O, Cogulu D, Gençay O, Salih B

Chemical composition and antibacterial activity of propolis collected by three different races of honeybees in the same region.

Journal of ethnopharmacology , Volume: 99 Issue: 1 2005 May 13

Authors Silici S, Kutluca S

Mixture of honey, beeswax and olive oil inhibits growth of Staphylococcus aureus and Candida albicans.

Archives of medical research , Volume: 36 Issue: 1 2005 Jan-Feb

Authors Al-Waili NS

[Antimicrobial properties of bee preparations in ointment form].

Mikrobiolohichnyi zhurnal (Kiev, Ukraine : 1993) , Volume: 66 Issue: 6 2004 Nov-Dec

Authors Postoienco VO, Senchuhova NA, Postoienco OM, Patyka VP

Molecular and microbiological analysis of caecal microbiota in rats fed with diets supplemented either with prebiotics or probiotics.

International journal of food microbiology , Volume: 98 Issue: 3 2005 Feb 15

Authors Montesi A, García-Albiach R, Pozuelo MJ, Pintado C, Goñi I, Rotger R

Microbiological effects of consuming a synbiotic containing Bifidobacterium bifidum, Bifidobacterium lactis, and oligofructose in elderly persons, determined by real-time polymerase chain reaction and counting of viable bacteria.

Clinical infectious diseases : an official publication of the Infectious Diseases Society of America , Volume: 40 Issue: 1 2005 Jan 1

Authors Bartosch S, Woodmansey EJ, Paterson JC, McMurdo ME, Macfarlane GT

Chemical compositions and antibacterial effects of essential oils of Turkish oregano (Origanum minutiflorum), bay laurel (Laurus nobilis), Spanish lavender (Lavandula stoechas L.), and fennel (Foeniculum vulgare) on common foodborne pathogens.

Journal of agricultural and food chemistry , Volume: 52 Issue: 26 2004 Dec 29

Authors Dadalioglu I, Evrendilek GA

Antibacterial and resistance modifying activity of Rosmarinus officinalis.

Phytochemistry , Volume: 65 Issue: 24 2004 Dec

Authors Oluwatuyi M, Kaatz GW, Gibbons S

Growth inhibition of foodborne pathogens and food spoilage organisms by select raw honeys.

International journal of food microbiology , Volume: 97 Issue: 1 2004 Dec 1

Authors Mundo MA, Padilla-Zakour OI, Worobo RW

In vitro antimicrobial activity of essential oils from aromatic plants against selected foodborne pathogens.

Journal of food protection , Volume: 67 Issue: 6 2004 Jun

Authors Rota C, Carramiñana JJ, Burillo J, Herrera A

Contribution of acetate to butyrate formation by human faecal bacteria.

The British journal of nutrition , Volume: 91 Issue: 6 2004 Jun

Authors Duncan SH, Holtrop G, Lobley GE, Calder AG, Stewart CS, Flint HJ

Antimicrobial activity of extracts of local cough mixtures on upper respiratory tract bacterial pathogens.

The West Indian medical journal , Volume: 52 Issue: 3 2003 Sep

Authors Adeleye IA, Opiah L

Antibacterial activity of honey and propolis from Apis mellifera and Tetragonisca angustula against Staphylococcus aureus.

Journal of applied microbiology , Volume: 95 Issue: 5 2003

Authors Miorin PL, Levy Junior NC, Custodio AR, Bretz WA, Marcucci MC

Influence of ginger rhizome (Zingiber officinale Rosc) on survival, glutathione and lipid peroxidation in mice after whole-body exposure to gamma radiation.

Radiation research , Volume: 160 Issue: 5 2003 Nov

Authors Jagetia GC, Baliga MS, Venkatesh P, Ulloor JN

The suppressive effect of bifidobacteria on Bacteroides vulgatus, a putative pathogenic microbe in inflammatory bowel disease.

Microbiology and immunology , Volume: 47 Issue: 6 2003

Authors Shiba T, Aiba Y, Ishikawa H, Ushiyama A, Takagi A, Mine T, Koga Y

Dietary fiber-rich barley products beneficially affect the intestinal tract of rats.

The Journal of nutrition , Volume: 132 Issue: 12 2002 Dec

Authors Dongowski G, Huth M, Gebhardt E, Flamme W

Antibacterial activity of extracts from some edible plants commonly consumed in Asia.

International journal of food microbiology , Volume: 80 Issue: 3 2003 Feb 15

Authors Alzoreky NS, Nakahara K

Improvement of the probiotic effect of micro-organisms by their combination with maltodextrins, fructo-oligosaccharides and polyunsaturated fatty acids.

The British journal of nutrition , Volume: 88 Suppl 1 2002 Sep

Authors Bomba A, Nemcová R, Gancarcíková S, Herich R, Guba P, Mudronová D

Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?

Gut , Volume: 51 Issue: 1 2002 Jul

Authors Kirjavainen PV, Arvola T, Salminen SJ, Isolauri E

Evaluation of N-acetylchitooligosaccharides as the main carbon sources for the growth of intestinal bacteria.

FEMS microbiology letters , Volume: 209 Issue: 1 2002 Mar 19

Authors Chen HC, Chang CC, Mau WJ, Yen LS

Screening of the antibacterial effects of a variety of essential oils on respiratory tract pathogens, using a modified dilution assay method.

Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy , Volume: 7 Issue: 4 2001 Dec

Authors Inouye S,Yamaguchi H,Takizawa T

Prebiotic treatment of experimental colitis with germinated barley foodstuff: a comparison with probiotic or antibiotic treatment.

International journal of molecular medicine , Volume: 9 Issue: 1 2002 Jan

Authors Fukuda M,Kanauchi O,Araki Y,Andoh A,Mitsuyama K,Takagi K,Toyonaga A,Sata M,Fujiyama Y,Fukuoka M,Matsumoto Y,Bamba T

Inhibition by the essential oils of peppermint and spearmint of the growth of pathogenic bacteria.

Microbios , Volume: 106 Suppl 1 2001

Authors Imai H,Osawa K,Yasuda H,Hamashima H,Arai T,Sasatsu M

Oligofructose and long-chain inulin: influence on the gut microbial ecology of rats associated with a human faecal flora.

The British journal of nutrition , Volume: 86 Issue: 2 2001 Aug

Authors Kleessen B,Hartmann L,Blaut M

In-vitro antimicrobial activity of four diallyl sulphides occurring naturally in garlic and Chinese leek oils.

Journal of medical microbiology , Volume: 50 Issue: 7 2001 Jul

Authors Tsao SM,Yin MC

In vitro activity of garlic oil and four diallyl sulphides against antibiotic-resistant Pseudomonas aeruginosa and Klebsiella pneumoniae.

The Journal of antimicrobial chemotherapy , Volume: 47 Issue: 5 2001 May

Authors Tsao S,Yin M

Probiotic activities of Lactobacillus casei rhamnosus: in vitro adherence to intestinal cells and antimicrobial properties.

Research in microbiology , Volume: 152 Issue: 2 2001 Mar

Authors Forestier C,De Champs C,Vatoux C,Joly B

Egyptian propolis: 1-antimicrobial activity and chemical composition of Upper Egypt propolis.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 56 Issue: 1-2 2001 Jan-Feb

Authors Hegazi AG,El Hady FK

Phenolic compounds from Brazilian propolis with pharmacological activities.

Journal of ethnopharmacology , Volume: 74 Issue: 2 2001 Feb

Authors Marcucci MC,Ferreres F,García-Viguera C,Bankova VS,De Castro SL,Dantas AP,Valente PH,Paulino N

Probiotics in foods not containing milk or milk constituents, with special reference to Lactobacillus plantarum 299v.

The American journal of clinical nutrition , Volume: 73 Issue: 2 Suppl 2001 Feb

Authors Molin G

In vitro antimicrobial activity of propolis dry extract.

Journal of chemotherapy (Florence, Italy) , Volume: 12 Issue: 5 2000 Oct

Authors Drago L,Mombelli B,De Vecchi E,Fassina MC,Tocalli L,Gismondo MR

Study on propolis quality from China and Uruguay.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 55 Issue: 9-10 2000 Sep-Oct

Authors Serra Bonvehí J,Ventura Coll F

Seasonal effect on Brazilian propolis antibacterial activity.

Journal of ethnopharmacology , Volume: 73 Issue: 1-2 2000 Nov

Authors Sforcin JM,Fernandes A Jr,Lopes CA,Bankova V,Funari SR

Screening of some Palestinian medicinal plants for antibacterial activity.

Journal of ethnopharmacology , Volume: 70 Issue: 3 2000 Jun

Authors Essawi T,Srouf M

Chemical composition and antimicrobial activity of European propolis.

Zeitschrift fur Naturforschung. C, Journal of biosciences , Volume: 55 Issue: 1-2 2000 Jan-Feb

Authors Hegazi AG,Abd El Hady FK,Abd Allah FA

Antibacterial activity of garlic powder against Escherichia coli O-157.

Journal of nutritional science and vitaminology , Volume: 45 Issue: 6 1999 Dec

Authors Sasaki J,Kita T,Ishita K,Uchisawa H,Matsue H

Antimicrobial activity of essential oils and other plant extracts.

Journal of applied microbiology , Volume: 86 Issue: 6 1999 Jun

Authors Hammer KA,Carson CF,Riley TV

Changes in fecal microflora induced by intubation of mice with Bacillus subtilis (natto) spores are dependent upon dietary components.

Canadian journal of microbiology , Volume: 45 Issue: 1 1999 Jan

Authors Hosoi T,Ametani A,Kiuchi K,Kaminogawa S

An organosulfur compound isolated from oil-macerated garlic extract, and its antimicrobial effect.

Bioscience, biotechnology, and biochemistry , Volume: 63 Issue: 3 1999 Mar

Authors Yoshida H,Katsuzaki H,Ohta R,Ishikawa K,Fukuda H,Fujino T,Suzuki A

Does probiotics administration decrease serum endotoxin levels in infants?

Journal of pediatric surgery , Volume: 34 Issue: 2 1999 Feb

Authors Urao M,Fujimoto T,Lane GJ,Seo G,Miyano T

The effect of consumption of milk fermented by Lactobacillus casei strain Shirota on the intestinal microflora and immune parameters in humans.

European journal of clinical nutrition , Volume: 52 Issue: 12 1998 Dec

Authors Spanhaak S,Havenaar R,Schaafsma G

Continuous culture selection of bifidobacteria and lactobacilli from human faecal samples using fructooligosaccharide as selective substrate.

Journal of applied microbiology , Volume: 85 Issue: 4 1998 Oct

Authors Sghir A,Chow JM,Mackie RI

Bromelain prevents secretion caused by Vibrio cholerae and Escherichia coli enterotoxins in rabbit ileum in vitro.

Gastroenterology , Volume: 113 Issue: 1 1997 Jul

Authors Mynott TL,Guandalini S,Raimondi F,Fasano A

Effects of inulin and lactose on fecal microflora, microbial activity, and bowel habit in elderly constipated persons.

The American journal of clinical nutrition , Volume: 65 Issue: 5 1997 May

Authors Kleessen B,Sykura B,Zunft HJ,Blaut M

Antimicrobial evaluation of some plants used in Mexican traditional medicine for the treatment of infectious diseases.

Journal of ethnopharmacology , Volume: 53 Issue: 3 1996 Sep

Authors Navarro V,Villarreal ML,Rojas G,Lozoya X

Purification and characterization of a component produced by Lactobacillus fermentum that inhibits the adhesion of K88 expressing Escherichia coli to porcine ileal mucus.

The Journal of applied bacteriology , Volume: 80 Issue: 3 1996 Mar

Authors Ouwehand AC,Conway PL

Antimicrobial compounds from Lactobacillus casei and Lactobacillus helveticus.

The new microbiologica , Volume: 16 Issue: 2 1993 Apr

Authors Vescovo M,Scolari GL,Caravaggi L,Bottazzi V

Antimicrobial and antioxidant activities of unripe papaya.

Life sciences , Volume: 53 Issue: 17 1993

Authors Osato JA,Santiago LA,Remo GM,Cuadra MS,Mori A

The effect of a probiotic on faecal and liver lipid classes in rats.

The British journal of nutrition , Volume: 73 Issue: 5 1995 May

Authors Fukushima M,Nakano M

[Effect of propolis on Staphylococcus aureus strains resistant to antibiotics].

Antibiotiki , Volume: 26 Issue: 4 1981 Apr

Authors Shub TA,Kagramanova KA,Voropaeva SD,Kivman Gl

Inhibition of coagulase activity and growth of Staphylococcus aureus by garlic extracts.

Folia microbiologica , Volume: 19 Issue: 6 1974

Authors Fletcher RD,Parker B,Hassett M

Comparison of populations of human faecal bacteria before and after in vitro incubation with plant cell wall substrates.

The Journal of applied bacteriology , Volume: 62 Issue: 3 1987 Mar

Authors Slade AP,Wyatt GM,Bayliss CE,Waite WM

[Antibacterial and bactericidal activities of Japanese green tea].

Nihon saikingaku zasshi. Japanese journal of bacteriology , Volume: 44 Issue: 4 1989 Jul

Authors Toda M,Okubo S,Ohnishi R,Shimamura T

Diet and faecal flora in the newborn: iron.

Archives of disease in childhood , Volume: 66 Issue: 12 1991 Dec

Authors Balmer SE,Wharton BA

Immunomodulatory action of propolis: IV. Prophylactic activity against gram-negative infections and adjuvant effect of the water-soluble derivative.

Vaccine , Volume: 10 Issue: 12 1992

Authors Dimov V,Ivanovska N,Bankova V,Popov S

[Selective effect of propolis in the isolation of Listeria monocytogenes (author's transl)].

Nordisk veterinærmedicin , Volume: 29 Issue: 10 1977 Oct

Authors Aspoy E

Additional sources and private correspondance**Private Correspondance , Volume: 1 Issue: 2018**Effects of probiotic Enterococcus faecium NCIMB 11181 administration on swine fecal microbiota diversity and composition using barcoded pyrosequencing**Animal Feed Science and Technology , Volume: 201 2015 Mar***Authors Edward Alain B.Pajarillo,Dae-Kyung Kang,Chan-Soo Park,Hyeun Bum Kim,Marilen P Balolong*Curcumin consumption reduces gut microbial diversity among patients with colorectal adenomas**The FASEB Journal , Volume: 26 Issue: 1 2012 Apr 1***Authors April McLauchlin,Felix Araujo-Perez,Nikki McCoy,Kevin Smith,Bob Sandler,Gary Asher,Temitope Keku*Curated database of commensal, symbiotic and pathogenic microbiota**Generative Bioinformatics , Volume: Issue: 2014 Jun***Authors D'Adamo Peter*

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Abdominal Aortic Aneurysm

Acne

Addison's Disease (hypocortisolism)

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)

Allergies

Allergy to milk products

Alopecia (Hair Loss)

Alzheimer's disease

Amyotrophic lateral sclerosis (ALS) Motor Neuron

Ankylosing spondylitis

Anorexia Nervosa

Antiphospholipid syndrome (APS)

Asthma

Atherosclerosis

Atrial fibrillation

Autism

Autoimmune Disease

Barrett esophagus cancer

benign prostatic hyperplasia

Biofilm

Bipolar Disorder

Brain Trauma

Breast Cancer

Cancer (General)

Carcinoma

cdk15 deficiency disorder

Celiac Disease

Cerebral Palsy

Chronic Fatigue Syndrome

Chronic Kidney Disease

Chronic Lyme

Chronic Obstructive Pulmonary Disease (COPD)

Chronic Urticaria (Hives)

Coagulation / Micro clot triggering bacteria

Cognitive Function

Colorectal Cancer

Constipation

Coronary artery disease

COVID-19
Crohn's Disease
Cushing's Syndrome (hypercortisolism)
cystic fibrosis
d-lactic acidosis (one form of brain fog)
deep vein thrombosis
Denture Wearers Oral Shifts
Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
erectile dysfunction
Fibromyalgia
Food Allergy
Functional constipation / chronic idiopathic constipation
gallstone disease (gsd)
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus
Generalized anxiety disorder
giant cell arteritis
Glioblastoma
Gout
Graves' disease
Gulf War Syndrome
Halitosis
Hashimoto's thyroiditis
Heart Failure
hemorrhagic stroke
Hemorrhoidal disease, Hemorrhoids, Piles
Hidradenitis Suppurativa
High Histamine/low DAO
hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
Hypothyroidism
Hypoxia
IgA nephropathy (IgAN)
Inflammatory Bowel Disease
Insomnia
Intelligence
Intracranial aneurysms
Irritable Bowel Syndrome
ischemic stroke
Juvenile idiopathic arthritis
Liver Cirrhosis
Long COVID
Low bone mineral density
Lung Cancer
Lymphoma
Mast Cell Issues / mastitis
ME/CFS with IBS
ME/CFS without IBS
membranous nephropathy
Menopause
Metabolic Syndrome

Mood Disorders
multiple chemical sensitivity [MCS]
Multiple Sclerosis
Multiple system atrophy (MSA)
myasthenia gravis
neuropathic pain
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
Osteoarthritis
Osteoporosis
pancreatic cancer
Parkinson's Disease
Peanut Allergy
Polycystic ovary syndrome
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
primary biliary cholangitis
Primary sclerosing cholangitis
Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
scoliosis
sensorineural hearing loss
Sjögren syndrome
Sleep Apnea
Slow gastric motility / Gastroparesis
Small Intestinal Bacterial Overgrowth (SIBO)
Stress / posttraumatic stress disorder
Systemic Lupus Erythematosus
Tic Disorder
Tourette syndrome
Type 1 Diabetes
Type 2 Diabetes
Ulcerative colitis
Unhealthy Ageing
Vitiligo