

Microbiome Information for: membranous nephropathy

For 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/>)

Thome (<https://www.thome.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

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Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of membranous nephropathy

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			
Alloprevotella	genus	High	1283313	Prevotella	genus	High	838
Granulicatella	genus	High	117563	Streptococcus	genus	High	1301
				Treponema pallidum	species	High	160

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.

Antibiotics annotated with [CFS] have been used with various degree of success with Myalgic Encephalomyelitis, Chronic Fatigue Syndrome, Chronic Lyme, Chronic Q-Fever and Long COVID conditions. Rotation of antibiotics with 3 weeks off between courses is recommended.

1,4-a-D-glucan branched {Amylopectin}

Abstention from eating {Fasting}

amaranthus {amaranth}

Amylum {Starch}

arabinogalactan {arabinogalactan} 21.gram/day

Aronia arbutifolia,Aronia melanocarpa {Chokeberry}

Avena sativa {Oats}

Avena sativa x Hordeum vulgare {barley,oat}

bifidobacterium longum {B.Longum} 10 BCFU/day

Cannabis sativa {Marijuana}

Citrus limon {Lemon}

dietary fiber

Fagopyrum esculentum {Buckwheat}

fat

Fiber, total dietary

fruit

fruit/legume fibre

fucoidan {Brown Algae Extract} 8.8 gram/day

Ganoderma sichuanense {Reishi Mushroom} 3.4 gram/day

Heyndrickxia coagulans {B. coagulans} 10 BCFU/day

High-amylose maize starch {HAMS}

High-fibre diet {Whole food diet}

Hordeum vulgare {Barley} 60 gram/day

ketogenic diet

Lactocaseibacillus rhamnosus {L. rhamnosus} 48 BCFU/day

Lactobacillus plantarum {L. plantarum} 60 BCFU/day

Linum usitatissimum {Flaxseed} 30 mg/day

long-term, moderate-intensity exercise {exercise}

Malus domestica {apple}

oligosaccharides {oligosaccharides}

Outer Layers of Triticum aestivum {Wheat Bran}

pectin {pectin}

Pediococcus pentosaceus {P. pentosaceus}

Phaseolus vulgaris {Boston bean}

Pisum sativum {pea}

proton-pump inhibitors (prescription) 60 mg/day

pseudo-cereals {amaranth,quinoa, taro,buckwheat}

Pulses, Beans

raffinose {sugar beet}

red wine 250 ml/day

Sleep apnea {partial sleep deprivation}

Slow digestible carbohydrates. {Low Glycemic}

β-glucan {Beta-Glucan} 500 mg/day

synthetic disaccharide derivative of lactose {Lactulose}

Tobacco consumption {Smoking}

Traditional Mediterranean diet {Mediterranean diet}

Tributylin

wheat

Zea mays {maize}

Zinc {Zinc Supplements} 300 mg/day

β-lactoglobulin {Whey} 60 gram/day

Retail Probiotics

Over 260 retail probiotics were evaluated with the following deemed beneficial with no known adverse risks.

LiveWell Nutrition / Pro-45
 vita miracle / ultra-30 probiotics
 1 md / complete probiotics platinum
 nature's way (au) / restore probiotic 100 billion
 seed / male version
 solaray / microbiome probiotic colon formula
 hyperbiotics / pro-15
 lifted naturals / mood boosting probiotic
 MegaFood / MegaFlora
 Wakunaga / Max Probiotic
 organic 3 / primal gut
 Physis / Advance Probiotics
 Dr. Mercola / Complete Probiotics
 Garden of Life / Dr. Formulated Once Daily Women's
 seed / female version
 biospec / probiotic-5
 OMNI-BIOTIC®/ 10 AAD
 young living/life 9
 quantum wellness / restora flora
 HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
 Next Generation
 Northwest Natural Products / PB8
 Advanced Bio-Cultures / Advance Multi Strain Probiotics
 elixa / probiotic
 bioray / cytoflora
 naturopathica (au) / gastrohealth probiotic ultimate daily care 100billion
 udo's choice /super 8 gold
 Krauterhaus / Lactopro
 fürstenmed / lacto-bifido
 probiotic pur (de) / realdose nutrition
 newrhythm / probiotics 20 stains
 Lake Avenue Nutrition / Probiotics 10 Strain Blend
 ASEA VIA / BIOME
 HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
 Bioflora (Mx) / BIOFLORA / 30 BILLION 10 strains
 renew life / ultimate flora
 up4 / ultra
 bioglan bio (au) / happy probiotic 100
 Realdose
 Ombre / Mood Enhancer
 garden of life / primal defense
 SuperSmart / Full Spectrum Probiotic Formula
 renew life men's probiotic - ultimate
 jamieson (can) / probiotic 10 bcfu
 up4 / adult
 douglas laboratories / multi probiotic 40 billion
 visbiome
 spain (es) / vivomixx
 naturopathica (au) / gastrohealth probiotic adults 50+
 SuperSmart / Lactoxira
 ProbioMax® Daily DF
 jarro formula / jarro-dophilus original
 Bromatech(IT) / FEMELLE
 zint nutrition / probiotic collagen +

Smidge / Sensitive Probiotic
SuperSmart / Candalb
custom probiotics / four strain lactobacilli
organic 3 / gutpro
Probiotic 10 Billion Active Cells Daily Maintenance
Resbiotic / resB® Lung Support
7 AM Ultra Probiotics
Seeking Health / Probiota HistaminX
bravo europe / starter and complex
optibac / for every day
Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
custom probiotics / d-lactate free probiotics powder
jarrow formulas / jarro-dophilus eps
up4 / women's
CVSHealth / Daily Probiotic
Bromatech (IT) / Serobiome
SuperSmart / Oral Health
Ombre / Healthy Gut
Symprove™
custom probiotics / six strain probiotic powder
jarrow formulas / jarro-dophilus® ultra
jarrow formula / ideal bowel support® lp299v®
Ombre / Heart Health
vinco / probiotic eight 65
Wakunaga / Pro+ Synbiotic
naturopathica (au) / gastrohealth probiotic daily care
OMNI-BIOTIC® / TRAVEL
jarrow formulas / jarro-dophilus mood
Ombre / Metabolic Booster
Sanogermina / AB-Kolicare
SuperSmart / Derma Relief
Bioflora(MX) / Woman
fairvital / microflora basic
cytoplan(uk) / dentavital bifidophilus
bioglan bio (au) / happy probiotic 50
NOW FOODS / Clinical GI Probiotic
Purica Probiotic Cardio
PrecisionBiotics / Immune
Genesis Bifidobacterium Complex BB Probiotic
Maple Life Science™ / Lactobacillus plantarum
CustomProbiotics.com / B. Longum Probiotic Powder
HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
naturopathica (au) / gastrohealth women's probiotic with cranberry
klair labs / biospora
UltraFlora® Immune Booster
Nutrition Essentials / Probiotic (900 BCFU)
spain (es) / ns florabiotic instant
optibac / for women
Invivo / Bio.Me Femme UT
perfect pass / perfect pass probiotic bacillus spore
Probiotic Sticks
NaturalPharma / Profit Probiotics
Bio Schwartz / Advance Strength Probiotics (40 BCFU)
UltraFlora® Intensive Care
jarrow formulas / fem-dophilus®
global health trax / threelac
Law of Nature / Best Days Formula
Floradapt Cardio

nature's instincts / ultra spore probiotic
Biorela® Daily
bio-botanical research / proflo4r restorative probiotic
Eden's / 3-in-1 Synbiotic Superblend
Bromatech (IT) / Ramnoselle
klair labs / ther-biotic factor 4
PoolPharma (IT) / ProbioTKMIO
Wakunaga / 50+
ImmuneBiotech Medical Sweden AB / GutMagnific®
daichi sankyo healthcare (jp) / panlacmin tablet
InnovixLabs / Mood Probiotic
corebiotic
HMF Metabolic
CustomProbiotics.com / L. Plantarum Probiotic Powder
PharmExtracta (IT) / Gliadines buccal stickpacks
ISCON Elegance/ Ochek Capsule 10
just for tummies / live bacteria
Bulk Probiotics / Bacillus Coagulans Probiotic
Nu U (uk) / Bio-Cultures Complex
RepHresh / Pro-B Probiotic Supplement for Women
Ombre / Harmony
Bromatech (IT) / Adomelle
nature's bounty / probioti 10
mwsb / candida yeast support
microbiome labs/ megasporebiotic
spain (es) / ns defenbiotic kids
philips / colon health
Sash Vitality / Bio-Cultures Probiotics for Adults
CustomProbiotics.com / L. Rhamnosus Probiotic Powder
SuperSmart / Vaginal Health
Ombre / Endless Energy
Jetson / FIT
blackmore (au) / probiotics+ womens flora balance
bravo europe / freeze-dried bravo
goodbelly drink
Bulk Probiotics / L. Rhamnosus Probiotic Powder
enviromedica terraflora sbo probiotic
Microbiome Labs / ZENBIOME Dual
canada (ca) / calmbiotic
Jetson (US) / Mood Probiotics
schiff / digestive advantage
wakamoto (jp) / wakamoto pharmaceutical intestinal drug
custom probiotics / five strain bifidobacteria
Wakunaga / Daily Probiotic
SuperSmart / Probio Forte
thorne / bacillus coagulansvet 60 caps
source naturals / durafflora
Bromatech (IT) / Bifiselle
nature's way (au) / adult vita gummies daily probiotic 80s
jarrow formulas / fem dophilus
Purica Probiotic Intensive GI
align / align
Ombre / Ultimate Immunity
Seeking Health / Probiota Bifidobacterium
ProGoes® Forte
Metabolics / Lactobacillus Plantarum Powder
Nature's Lab Cardio
vitamin angels / just thrive

Sun Wave Pharma/Bio Sun Instant
Bulk Probiotics / B. Longum Probiotic Powder
bio-k+
Biomed / Bacillus Coagulans
Metabolics / Bifidobacterium Longum Powder
Pregnancy Care Probiotic
Windlove Probiotics / Ecologic®825
Maple Life Science™ / Bifidobacterium longum
spain (es) / muvagyn probiotico
Bromatech (IT) / Rotanelle plus
Immune Defense Daily Chewable Probiotic
SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturized)
JGL / Lactogyn
organic 3 / primal soil
Align® Extra Strength
Floradapt Gut Comfort
HLH BIOPHARMA(DE) / LACTOBACT® AAD
optibac / for your cholesterol
Bromatech (IT) / Psicobrain
Maple Life Science™ / Streptococcus faecalis butyricum mesentericus sporogenes
Nature's Lab Intensive GI
Schwabe Pharma Italia / MegaStress
Metabolics / Lactobacillus Rhamnosus Powder
Ombre / Restore
spain (es) / aquilea intimus
BIO-BOTANICAL RESEARCH / Megacidin
reserveage nutrition / beautiflora
PrecisionBiotics / Zenflore
PharmExtracta / Bowell
optibac / for those on antibiotics
Bromatech (IT) / Lautoselle
Bulk Probiotics / L. Plantarum Probiotic Powder
spain (es) / I3.1
ferring / vsl#3
Align / Align® Chewables

Note: Some of these are only available regionally – search the web for sources.

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}	Honey {Honey }
2,3-dihydroxypropyl dodecanoate {Monolaurin}	imipenem
allium sativum {garlic}	Menta × piperita {peppermint}
amoxicillin [CFS]	Mentha spicata {Spearmint}
ampicillin [CFS]	meropenem
Ayurvedic herbal formula {Triphala}	Metha family {Mint}
Azadirachta indica {Neem}	minocycline [CFS]
benzylpenicillin sodium (antibiotic)	nicotinic acid {Vitamin B-3}
chlorhexidine	Olea europaea {Olive leaf}
Cichorium intybus {Chicory}	piperacillin-tazobactam
Cinnamomum zeylanicum {Ceylon Cinnamon}	Pistacia lentiscus {mastic gum}
ciprofloxacin [CFS]	Propolis {Bee glue}
clindamycin [CFS]	rosmarinus officinalis {rosemary}
doxycycline [CFS]	soy
fluoroquinolone	Thymus vulgaris {thyme}
gentamicin	tobramycin
high red meat	vancomycin (antibiotic)[CFS]
	Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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

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Dry ginger and Schisandra chinensis modulate intestinal flora and bile acid metabolism to treatment asthma.

Frontiers in microbiology , Volume: 16 2025

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Effects of dietary fiber on the composition, function, and symbiotic interactions of intestinal microbiota in pre-weaned calves.

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Authors Xu Z,Lu H,Hu C,Wen Y,Shang D,Gan T,Guo Z,Dai L,Luo Y

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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
cdkl5 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