

Microbiome Information for: Cerebral Palsy

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/>)

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

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Cerebral Palsy

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			
Akkermansia	genus	High	239934	Parasutterella	genus	Low	577310
Anaerostipes	genus	Low	207244	Prevotella	genus	High	838
Bacteroides	genus	High	816	Roseburia	genus	Low	841
Bifidobacterium	genus	High	1678	Rothia	genus	High	508215
Blautia	genus	Low	572511	Rothia	genus	High	32207
Clostridium	genus	High	1485	Ruminococcus	genus	Low	1263
Enterococcus	genus	High	1350	Streptococcus	genus	High	1301
Faecalibacterium	genus	Low	216851	Veillonella	genus	High	29465
Oscillibacter	genus	High	459786	Pseudomonas aeruginosa	species	High	287

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.

(2->1)-beta-D-fructofuranan {Inulin} 32 gram/day
fructo-oligosaccharides 15 gram/day
fruit
fruit/legume fibre

Hordeum vulgare {Barley} 60 gram/day
Human milk oligosaccharides (prebiotic, Holigos, Stachyose) 2 gram/day
oligosaccharides {oligosaccharides}
Outer Layers of Triticum aestivum {Wheat Bran}
synthetic disaccharide derivative of lactose {Lactulose}

Retail Probiotics

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

jarrow formulas / bifidus balance® + fos
nature's way (au) / restore probiotic bowel & colon health 30s
naturopathica (au) / gastrohealth fibrepro
blackmore (au) / probiotics+ eczema relief
optibac / for every day
naturopathica (au) / gastrohealth probiotic dairy free 50 billion
naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
blackmores (au) / probiotics+ immune defence
ISCON Elegance/ Ochek Capsule 10
Nutrition Essentials / Probiotic (900 BCFU)
optibac / bifidobacteria & fibre
Bio Schwartz / Advance Strength Probiotics (40 BCFU)
nature's way (au) / restore probiotic 30 billion 30s
blackmore (au) / probiotics+ daily health
Swiss BioEnergetics / Full Spectrum Probiotic Defence
blackmores (au) / probiotics + adults daily (90 capsules)
nature's way (au) / restore probiotic daily health 90s

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.

allium sativum {garlic}

Azadirachta indica {Neem}

Capsicum annuum {Peppers} {Cayenne Pepper, Hot Pepper}

Cinnamomum zeylanicum {Ceylon Cinnamon}

Curcuma longa {Turmeric}

Cymbopogon citratus {Lemongrass}

D-(-)-Fructose {Fruit sugar}

Diferuloylmethane {Curcumin}

Lactocaseibacillus casei {L. casei}

Ocimum basilicum {Basil}

Olea europaea {Olive leaf}

Pimpinella anisum {Anise}

Propolis {Bee glue}

Saccharomyces cerevisiae var *boulardii* {S. boulardii}

Thymus vulgaris {thyme}

Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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Antiphospholipid syndrome (APS)
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Denture Wearers Oral Shifts
Depression
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Epilepsy
erectile dysfunction
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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
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Inflammatory Bowel Disease
Insomnia
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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
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