

Microbiome Information for: membranous nephropathy

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 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
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Alloprevotella	genus	High	1283313
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Granulicatella	genus	High	117563
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Bacteria Name	Rank	Shift	Taxonomy ID
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Prevotella	genus	High	838
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Streptococcus	genus	High	1301
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Treponema pallidum	species	High	160
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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.

1,4- α -D-glucan branched {Amylopectin}		Linum usitatissimum {Flaxseed}	30 mg/day
2-hydroxyethyl)trimethylazanium {choline}	1 g/day	long-term, moderate-intensity exercise {exercise}	
3,3',4',5,7-pentahydroxyflavone {Quercetin}	2 gram/day	Malus domestica {apple}	
Abstention from eating {Fasting}		non-starch polysaccharides	
acetylsalicylic acid, aspirin		oligosaccharides {oligosaccharides}	
Adeps suillus {Lard}		Outer Layers of Triticum aestivum {Wheat Bran}	
amaranthus {amaranth}		pectin {pectin}	
arabinogalactan {arabinogalactan}	21 gram/day	Pediococcus pentosaceus {P. pentosaceus}	
Aronia arbutifolia, Aronia melanocarpa {Chokeberry}		Phaseolus vulgaris {Boston bean}	
Avena sativa {Oats}		Poly[β -D-xylopyranose(1- $\rightarrow$ 4)] {Xylan}	
Avena sativa x Hordeum vulgare {barley,oat}		polyphenols	3 gram/day
bifidobacterium longum {B.Longum }	10 BCFU/day	pseudo-cereals {amaranth, quinoa, taro, buckwheat}	
Cannabis sativa {Marijuana}		Pulses, Beans	
Citrus limon {Lemon}		quebracho	
Fagopyrum esculentum {Buckwheat}		raffinose {sugar beet}	
fat		Saccharomyces cerevisiae var boulardii {S. boulardii}	6 BCFU/day
fruit		Sleep apnea {partial sleep deprivation}	
fruit/legume fibre		β -glucan {Beta-Glucan}	500 mg/day
fucoidan {Brown Algae Extract}	8.8 gram/day	synthetic disaccharide derivative of lactose {Lactulose}	
Ganoderma sichuanense {Reishi Mushroom}	3.4 gram/day	tea	
Grape Polyphenols {Grape Flavonoids}		theabrownin {theabrownin}	
grapes		Theobroma cacao {Cacao}	20 gram/day
Heyndrickxia coagulans {B. coagulans}	10 BCFU/day	Tobacco consumption {Smoking}	
High-amylose maize starch {HAMS}		Tributyrin	
Hordeum vulgare {Barley}	60 gram/day	wheat	
Lactocaseibacillus rhamnosus {L. rhamnosus}	48 BCFU/day	Zea mays {maize}	
Lactobacillus plantarum {L. plantarum}	60 BCFU/day	Zinc {Zinc Supplements}	300 mg/day

Retail Probiotics

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

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

up4 / adult
douglas laboratories / multi probiotic 40 billion
visbiome
jamieson (can) / probiotic 10 bcfu
ProbioMax® Daily DF
Resbiotic / resB® Lung Support
7 AM Ultra Probiotics
renew life men's probiotic - ultimate
Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
custom probiotics / d-lactate free probiotics powder
jarrow formulas / jarro-dophilus eps
Probiotic 10 Billion Active Cells Daily Maintenance
Ombre / Endless Energy
jarrow formula / ideal bowel support® Ip299v®
Seeking Health / Probiota HistaminX
bravo europe / starter and complex
optibac / for every day
jarrow formulas / jarro-dophilus® ultra
Ombre / Heart Health
Symprove™
organic 3 / gutpro
custom probiotics / six strain probiotic powder
CVSHealth / Daily Probiotic
Bromatech (IT) / Serobiome
SuperSmart / Oral Health
OMNI-BIOTIC®/ TRAVEL
jarrow formulas / jarro-dophilus mood
Sanogermina / AB-Kolicare
SuperSmart / Derma Relief
Bioflora(MX) / Woman
fairvital / microflora basic
up4 / women's
NOW FOODS / Clinical GI Probiotic
vinco / probiotic eight 65
nature's instincts / ultra spore probiotic
Eden's / 3-in-1 Synbiotic Superblend
Wakunaga / Pro+ Synbiotic
naturopathica (au)/ gastrohealth probiotic daily care
cytoplan(uk) / dentavital bifidophilus
bioglan bio (au) / happy probiotic 50
CustomProbiotics.com / B. Longum Probiotic Powder
HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
Maple Life Science™ / Lactobacillus plantarum
bio-botanical research / proflora4r restorative probiotic
Bromatech (IT) / Ramnoselle
Bulk Probiotics / Saccharomyces boulardii Probiotic Powder (Digestive Support)
Biorela® Daily
Purica Probiotic Cardio
PrecisionBiotics / Immune
Genesis Bifidobacterium Complex BB Probiotic
RepHresh / Pro-B Probiotic Supplement for Women
Ombre / Harmony
Bromatech (IT) / Adomelle
nature's bounty / probioti 10
mwsb / candida yeast support
microbiome labs/ megasporebiotic
naturopathica (au) / gastrohealth women's probiotic with cranberry
klair labs / biospora

Bromatech / ENTERELLE PLUS
SuperSmart / Saccharomyces Boulardii
jarrow formulas / fem-dophilus®
global health trax / threelac
spain (es) / axiboulardi
Law of Nature / Best Days Formula
Floradapt Cardio
spain (es) / ns florabiotic instant
optibac / for women
Invivo / Bio.Me Femme UT
Schwabe Pharma Italia / AxiBoulardi
perfect pass / perfect pass probiotic bacillus spore
Probiotic Sticks
NaturalPharma / Profit Probiotics
Bio Schwartz / Advance Strength Probiotics (40 BCFU)
UltraFlora® Intensive Care
Bulk Probiotics / Bacillus Coagulans Probiotic
UltraFlora® Immune Booster
Nutrition Essentials / Probiotic (900 BCFU)
PharmExtracta (IT) / Gliadines buccal stickpacks
ISCON Elegance/ Ochek Capsule 10
just for tummies / live bacteria
Nu U (uk) / Bio-Cultures Complex
ImmuneBiotech Medical Sweden AB / GutMagnific®
organic 3 / yeastbiotic
corebiotic
HMF Metabolic
CustomProbiotics.com / L. Plantarum Probiotic Powder
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) / calmibiotic
Jetson (US) / Mood Probiotics
schiff / digestive advantage
dalichi sankyo healthcare (jp) / panlacmin tablet
InnovixLabs / Mood Probiotic
klair labs / ther-biotic factor 4
PoolPharma (IT) / ProbioTKMIO
Wakunaga / 50+
spain (es) / ultralevura
Jetson / FIT
wakamoto (jp) / wakamoto pharmaceutical intestinal drug
custom probiotics / five strain bifidobacteria
Wakunaga / Daily Probiotic
SuperSmart / Probio Forte
thorne / bacillus coagulansvet 60 caps
source naturals / durafloa
optibac / saccharomyces boulardii
Bromatech (IT) / Bifiselle
spain (es) / ns defenbiotic kids
philips / colon health
Sash Vitality / Bio-Cultures Probiotics for Adults
CustomProbiotics.com / L. Rhamnosus Probiotic Powder
imaglin / NutriLots Replenish
SuperSmart / Vaginal Health

ferring / vsl#3
 Bulk Probiotics / L. Plantarum Probiotic Powder
 spain (es) / I3.1
 Align / Align® Chewables
 SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturerized)
 JGL / Lactogyn
 organic 3 / primal soil
 Align® Extra Strength
 Floradapt Gut Comfort
 optibac / for your cholesterol
 Bromatech (IT) / Enterelle
 HLH BIOPHARMA(DE) / LACTOBACT ® AAD
 jarow formulas / fem dophilus
 Purica Probiotic Intensive GI
 Nature's Lab Intensive GI
 Schwabe Pharma Italia / MegaStress
 Metabolics / Lactobacillus Rhamnosus Powder
 optibac / for those on antibiotics
 Bromatech (IT) / Lautoselle
 Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains
 Ombre / Restore
 Bromatech (IT) / Psicobrain
 Maple Life Science™ / Streptococcus faecalis butyricum mesentericus sporogenes
 spain (es) / aquilea intimus
 florastor / florastor
 BIO-BOTANICAL RESEARCH / Megacidin
 reserveage nutrition / beautiflora
 PrecisionBiotics / Zenflore
 PharmExtracta / Bowell
 Metabolics / Lactobacillus Plantarum Powder
 Nature's Lab Cardio
 align / align
 Ombre / Ultimate Immunity
 Seeking Health / Probiota Bifidobacterium
 ProGoes® Forte
 nature's way (au) / adult vita gummies daily probiotic 80s
 microbiome labs / restorflora
 bio-k+
 Biomed / Bacillus Coagulans
 Bulk Probiotics / B. Longum Probiotic Powder
 vitamin angels / just thrive
 Sun Wave Pharma/Bio Sun Instant
 Maple Life Science™ / Bifidobacterium longum
 spain (es) / muvagyn probiotico
 Bromatech (IT) / Rotanelle plus
 Immune Defense Daily Chewable Probiotic
 Metabolics / Bifidobacterium Longum Powder
 Pregnancy Care Probiotic
 Windlove Probiotics / Ecologic®825

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}

Azadirachta indica {Neem}

Diferuloylmethane {Curcumin}

Honey {Honey }

Menta × piperita {peppermint}

Metha family {Mint}

Propolis {Bee glue}

rosmarinus officinalis {rosemary}

soy

Thymus vulgaris {thyme}

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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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
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
liver fibrosis
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