

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

[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				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.

Abstention from eating {Fasting}		
amaranthus {amaranth}		
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		
fat		
Fiber, total dietary		
fruit		
fruit/legume fibre		
fucoïdan {Brown Algae Extract}	8.8 gram/day	
Ganoderma sichuanense {Reishi Mushroom}	3.4 gram/day	
Heyndrickxia coagulans {B. coagulans}	10 BCFU/day	
High-fibre diet {Whole food diet}		
Hordeum vulgare {Barley}	60 gram/day	
Lactocaseibacillus rhamnosus {l. rhamnosus}	48 BCFU/day	
Lactobacillus plantarum {L. plantarum}	60 BCFU/day	
long-term, moderate-intensity exercise {exercise}		
Malus domestica {apple}		
Outer Layers of Triticum aestivum {Wheat Bran}		
Phaseolus vulgaris {Boston bean}		
Pisum sativum {pea}		
polyphenols	3 gram/day	
proton-pump inhibitors (prescription)	60 mg/day	
pseudo-cereals {amaranth, quinoa, taro, buckwheat}		
Slow digestible carbohydrates. {Low Glycemic}		
β-glucan {Beta-Glucan}	500 mg/day	
synthetic disaccharide derivative of lactose {Lactulose}		
tea		
Theobroma cacao {Cacao}	20 gram/day	
Tobacco consumption {Smoking}		
Traditional Mediterranean diet {Mediterranean diet}		
Tributylin		
wheat		
whole-grain diet		
Zinc {Zinc Supplements}	300 mg/day	

Retail Probiotics

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

vita miracle / ultra-30 probiotics
1 md / complete probiotics platinum
nature's way (au) / restore probiotic 100 billion
LiveWell Nutrition / Pro-45
Physis / Advance Probiotics
Ombre / Mood Enhancer
OMNI-BIOTIC®/ 10 AAD
HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
Krauterhaus / Lactopro
Dr. Mercola / Complete Probiotics
Lake Avenue Nutrition / Probiotics 10 Strain Blend
MegaFood / MegaFlora
newrhythm / probiotics 20 stains
naturopathica (au) / gastrohealth probiotic ultimate daily care 100billion
bioglan bio (au) / happy probiotic 100
Realdose
ASEA VIA / BIOME
Advanced Bio-Cultures / Advance Multi Strain Probiotics
Garden of Life / Dr. Formulated Once Daily Women's
renew life / ultimate flora
garden of life / primal defense
hyperbiotics / pro-15
elixa / probiotic
up4 / ultra
biospec / probiotic-5
young living/life 9
probiotic pur (de) / realdose nutrition
organic 3 / primal gut
lifted naturals / mood boosting probiotic
solaray / mycrobioime probiotic colon formula
fürstenmed / lacto-bifido
udo's choice /super 8 gold
bioray / cytoflora
seed / female version
seed / male version
quantum wellness / restora flora
Northwest Natural Products / PB8
SuperSmart / Full Spectrum Probiotic Formula
Wakunaga / Max Probiotic
Bioflora (Mx) / BIOFLORA / 30 BILLION 10 strains
Next Generation
natviehealthcare.com/Renewbiome Mega
Bromatech(IT) / FEMELLE
Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
Bioflora(MX) / Woman
Wakunaga / Pro+ Synbiotic
Symprove™
SuperSmart / Candalb
SuperSmart / Derma Relief
Probiotic 10 Billion Active Cells Daily Maintenance
SuperSmart / Lactoxira
SuperSmart / Oral Health
custom probiotics / d-lactate free probiotics powder

custom probiotics / four strain lactobacilli
custom probiotics / six strain probiotic powder
renew life men's probiotic - ultimate
jarrow formulas / jarro-dophilus eps
jarrow formulas / jarro-dophilus mood
cytoplan(uk) / dentavital bifidophilus
jamieson (can) / probiotic 10 bcfu
fairvital / microflora basic
visbiome
organic 3 / gutpro
optibac / for every day
spain (es) / vivomixx
zint nutrition / probiotic collagen +
up4 / adult
up4 / women's
douglas laboratories / multi probiotic 40 billion
vinco / probiotic eight 65
jarrow formulas / jarro-dophilus® ultra
bravo europe / starter and complex
jarrow formula / jarro-dophilus original
jarrow formula / ideal bowel support® lp299v®
Wholesome Wellness / Raw Probiotic
Seeking Health / Probiota HistaminX
bioglan bio (au) / happy probiotic 50
naturopathica (au) / gastrohealth probiotic daily care
naturopathica (au) / gastrohealth probiotic adults 50+
ProbioMax® Daily DF
Resbiotic / resB® Lung Support
CVSHealth / Daily Probiotic
Ombre / Heart Health
Bromatech (IT) / Serobiome
Smidge / Sensitive Probiotic
7 AM Ultra Probiotics
NOW FOODS / Clinical GI Probiotic
OMNI-BIOTIC® / TRAVEL
Ombre / Healthy Gut
Ombre / Metabolic Booster
Ombre / Endless Energy
Sash Vitality / Bio-Cultures Probiotics for Adults
NaturalPharma / Profit Probiotics
Sanogermina / AB-Kolicare
blackmore (au) / probiotics+ womens flora balance
HLH BIOPHARMA(DE) / LACTOBACT ® AAD
HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
Biorela® Daily
Ombre / Ultimate Immunity
Ombre / Restore
Ombre / Harmony
BIO-BOTANICAL RESEARCH / Megacidin
SuperSmart / Probio Forte
PoolPharma (IT) / ProbioTKMIO
naturopathica (au) / gastrohealth women's probiotic with cranberry
corebiotic
nature's way (au) / adult vita gummies daily probiotic 80s
CustomProbiotics.com / L. Plantarum Probiotic Powder
CustomProbiotics.com / L. Rhamnosus Probiotic Powder
CustomProbiotics.com / B. Longum Probiotic Powder
Nu U (uk) / Bio-Cultures Complex

Windcove Probiotics / Ecologic®825
Jetson / FIT
Jetson (US) / Mood Probiotics
Nutrition Essentials / Probiotic (900 BCFU)
Bio Schwartz / Advance Strength Probiotics (40 BCFU)
RepHresh / Pro-B Probiotic Supplement for Women
InnovixLabs / Mood Probiotic
Metabolics / Bifidobacterium Longum Powder
Metabolics / Lactobacillus Plantarum Powder
Metabolics / Lactobacillus Rhamnosus Powder
Invivo / Bio.Me Femme UT
JGL / Lactogyn
Sun Wave Pharma/Bio Sun Instant
ImmuneBiotech Medical Sweden AB / GutMagnific®
Genesis Bifidobacterium Complex BB Probiotic
Bromatech (IT) / Adomelle
Bromatech (IT) / Bifiselle
Bromatech (IT) / Lautoselle
Bromatech (IT) / Psicobrain
Bromatech (IT) / Ramnoselle
Bromatech (IT) / Rotanelle plus
jarrow formulas / fem-dophilus®
bravo europe / freeze-dried bravo
thorne / bacillus coagulansvet 60 caps
bio-botanical research / proflora4r restorative probiotic
reserveage nutrition / beautiflora
just for tummies / live bacteria
spain (es) / aquilea intimus
spain (es) / muvagyn probiotico
spain (es) / ns defenbiotic kids
canada (ca) / calmbiotic
bio-k+
goodbelly drink
optibac / for your cholesterol
optibac / for those on antibiotics
optibac / for women
philips / colon health
organic 3 / primal soil
wakamoto (jp) / wakamoto pharmaceutical intestinal drug
daiichi sankyo healthcare (jp) / panlacmin tablet
global health trax / threelac
mwsb / candida yeast support
source naturals / durafloa
ferring / vsl#3
klaire labs / biospora
spain (es) / ns florabiotic instant
spain (es) / I3.1
custom probiotics / five strain bifidobacteria
vitamin angels / just thrive
microbiome labs/ megasporebiotic
perfect pass / perfect pass probiotic bacillus spore
enviromedica terraflora sbo probiotic
nature's instincts / ultra spore probiotic
schiff / digestive advantage
align / align
nature's bounty / probioti 10
jarrow formulas / fem dophilus
klaire labs / ther-biotic factor 4

SuperSmart / Vaginal Health
ISCON Elegance/ Ochek Capsule 10
Microbiome Labs / ZENBIOME Dual
PrecisionBiotics / Zenflores
PrecisionBiotics / Immune
PharmExtracta / Bowell
PharmExtracta (IT) / Gliadines buccal stickpacks
Eden's / 3-in-1 Synbiotic Superblend
Schwabe Pharma Italia / MegaStress
Law of Nature / Best Days Formula
Align® Extra Strength
Align / Align® Chewables
Biomed / Bacillus Coagulans
Floradapt Cardio
Floradapt Gut Comfort
HMF Metabolic
Immune Defense Daily Chewable Probiotic
Nature's Lab Cardio
Nature's Lab Intensive GI
Pregnancy Care Probiotic
Probiotic Sticks
ProGoes® Forte
Purica Probiotic Cardio
Purica Probiotic Intensive GI
SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturized)
UltraFlora® Immune Booster
UltraFlora® Intensive Care
Seeking Health / Probiota Bifidobacterium
Maple Life Science™ / Bifidobacterium longum
Maple Life Science™ / Streptococcus faecalis butyricum mesentericus sporogenes
Maple Life Science™ / Lactobacillus plantarum
Wakunaga / Daily Probiotic
Wakunaga / 50+
Bulk Probiotics / L. Rhamnosus Probiotic Powder
Bulk Probiotics / L. Plantarum Probiotic Powder
Bulk Probiotics / B. Longum Probiotic Powder
Bulk Probiotics / Bacillus Coagulans Probiotic
natviehealthcare.com/Renewbiome Bacillus
Steris Pharma(IN)/OXABACTOR
Steris Pharma(IN)/PYLODIGEST PRO

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}

amoxicillin [CFS]

Azadirachta indica {Neem}

benzylpenicillin sodium (antibiotic)

Diferuloylmethane {Curcumin}

doxycycline [CFS]

gentamicin

Honey {Honey }

imipenem

Menta × piperita {peppermint}

Metha family {Mint}

piperacillin-tazobactam

Propolis {Bee glue}

rosmarinus officinalis {rosemary}

soy

Thymus vulgaris {thyme}

Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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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