# 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/)
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

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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** 

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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.

### **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.

#### Sample of Literature Used

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

# **Additional APriori Analysis Available**

Available at: https://microbiomeprescription.com/Library/PubMed

**Abdominal Aortic Aneurysm** 

Acne

**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

**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

**Colorectal Cancer** 

Constipation

Coronary artery disease

COVID-19

Crohn's Disease

cystic fibrosis

deep vein thrombosis

Depression

**Dermatomyositis** 

**Eczema** 

**Endometriosis** 

**Eosinophilic Esophagitis** 

**Epilepsy** 

erectile dysfunction

**Fibromyalgia** 

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

**Halitosis** 

Hashimoto's thyroiditis

**Heart Failure** 

Hemorrhoidal disease, Hemorrhoids, Piles

Hidradenitis Suppurativa

Histamine Issues

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

Juvenile idiopathic arthritis

**Liver Cirrhosis** 

Long COVID

Low bone mineral density

**Lung Cancer** 

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

Polycystic ovary syndrome

Postural orthostatic tachycardia syndrome

Premenstrual dysphoric disorder

primary biliary cholangitis

**Psoriasis** 

rheumatoid arthritis (RA), Spondyloarthritis (SpA)

Rosacea

Schizophrenia

scoliosis

sensorineural hearing loss

Sjögren syndrome

Sleep Apnea

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**