

Microbiome Information for: Mast Cell Issues / mastitis

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 Mast Cell Issues / mastitis

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
Mollicutes	class	Low	31969	Ralstonia	genus	High	48736
Lachnospiraceae	family	Low	186803	Romboutsia	genus	Low	1501226
Pasteurellaceae	family	High	712	Ruminococcus	genus	Low	1263
Prevotellaceae	family	Low	171552	Shigella	genus	High	620
Alistipes	genus	Low	239759	Staphylococcus	genus	High	1279
Anaplasma	genus	Low	768	Streptococcus	genus	High	1301
Bifidobacterium	genus	Low	1678	Bacteroidales	order	Low	171549
Coprococcus	genus	Low	33042	Candidatus Gastranaerophilales	order	High	1906119
Escherichia	genus	High	561	Acinetobacter baumannii	species	High	470
Herbaspirillum	genus	High	963	Brucella abortus	species	High	235
Klebsiella	genus	High	570	Fusobacterium nucleatum	species	High	851
Lachnobacterium	genus	Low	140625	Helicobacter pylori	species	High	210
Malassezia	genus	High	55193	Klebsiella aerogenes	species	High	548
Moraxella	genus	High	475	Listeria monocytogenes	species	High	1639
Mycoplasma	genus	High	2093	Moraxella catarrhalis	species	High	480
Paenidostriidium	genus	High	1849828	Porphyromonas gingivalis	species	High	837
Prevotella	genus	Low	838	Pseudomonas aeruginosa	species	High	287
				Staphylococcus aureus	species	High	1280

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.

Ethyl alcohol {Grain alcohol}

Ferrum {Iron Supplements} 400 mg/day

high red meat

Sucralose {Splenda} 340 mg/day

Sus domesticus {Pork}

Titanium Dioxide {E171}

Under cooked animal protein {Rare meat}

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.

5,6-dihydro-9,10-dimethoxybenzo[g]-1,3-benzodioxolo[5,6-a]quinolizinium {Berberine}
 (2->1)-beta-D-fructofuranan {Inulin}
 2-Methyl-5-(1-methylethyl)phenol {Carvacrol}
 3,3',4',5,7-pentahydroxyflavone {Quercetin}
 allium sativum {garlic}
 Azadirachta indica {Neem}
 bacillus
 bacillus,lactobacillus,streptococcus,saccharomyces probiotic
 bifidobacterium longum {B.Longum }
 Bovine Milk Products {Dairy}
 Cinnamomum zeylanicum {Ceylon Cinnamon}
 Citrus limon {Lemon}
 Curcuma longa {Turmeric}
 D-(-)-Fructose {Fruit sugar}
 Diferuloylmethane {Curcumin}
 foeniculum vulgare,fennel
 fruit
 fruit/legume fibre
 green tea

Honey {Honey }
 Hordeum vulgare {Barley}
 Lactocaseibacillus casei {L. casei}
 lactobacillus acidophilus {L. acidophilus}
 Lactobacillus plantarum {L. plantarum}
 Metha family {Mint}
 Moringa Oleifera
 oligosaccharides {oligosaccharides}
 origanum vulgare {oregano}
 Propolis {Bee glue}
 Punica granatum {pomegranate}
 rosmarinus officinalis {rosemary}
 Salvia officinalis {Sage}
 β-glucan {Beta-Glucan}
 syzygium aromaticum {clove}
 Thymus vulgaris {thyme}
 vitamin d
 wheat
 yogurt
 Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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Alopecia (Hair Loss)
Alzheimer's disease
Amyotrophic lateral sclerosis (ALS) Motor Neuron
Ankylosing spondylitis
Anorexia Nervosa
Antiphospholipid syndrome (APS)
Asthma
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Autism
Autoimmune Disease
Barrett esophagus cancer
benign prostatic hyperplasia
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Carcinoma
cdkl5 deficiency disorder
Celiac Disease
Cerebral Palsy
Chronic Fatigue Syndrome
Chronic Kidney Disease
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Cognitive Function
Colorectal Cancer
Constipation
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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
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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