

Microbiome Information for: giant cell arteritis

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 believed 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

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 giant cell arteritis

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

Clostridiaceae *family* **High** 31979

Clostridium *genus* **Low** 1485

Bacteria Name Rank Shift Taxonomy ID

Desulfovibrio *genus* **Low** 872

Bacteroidales *order* **High** 171549

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.

(2->1)-beta-D-fructofuranan {Inulin} 32 gram/day

bacillus, lactobacillus, streptococcus, saccharomyces probiotic

dietary fiber

Fiber, total dietary

fruit

fruit/legume fibre

High-fibre diet {Whole food diet}

Lactobacillus plantarum {L. plantarum} 60 BCFU/day

polyphenols 3 gram/day

Saccharomyces cerevisiae var boulardii {S. boulardii} 6 BCFU/day

Slow digestible carbohydrates. {Low Glycemic}

vitamin d 50000 UI/day

Retail Probiotics

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

Global Healing Center / FloraTrex
Bioflora (Mx) / BIOFLORA / 30 BILLION 10 strains
natviehealthcare.com/Renewbiome Mega
Ombre / Healthy Gut
probiotic pur (de) / realdose nutrition
theramedix / probiotic
jarrow formula / ideal bowel support® Ipf299v®
naturopathica (au) / gastrohealth probiotic dairy free 50 billion
naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
nature's way (au) / restore probiotic bowel & colon health 30s
Realdose
Physician Choice / 60 Billion Probiotics
Garden of Life / Dr. Formulated Once Daily Women's
Bio Schwartz / Advance Strength Probiotics (40 BCFU)
Metabolics / Lactobacillus Plantarum Powder
Invivo / Bio.Me Femme UT
ImmuneBiotech Medical Sweden AB / GutMagnific®
Bromatech (IT) / Adomelle
Bromatech (IT) / Enterelle
Smidge / Sensitive Probiotic
Ombre / Mood Enhancer
Windclove Probiotics / Ecologic®825
ASEA VIA / BIOME
Seeking Health / Probiota HistaminX
CustomProbiotics.com / L. Plantarum Probiotic Powder
HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
OMNI-BIOTIC®/ 10 AAD
OMNI-BIOTIC®/ TRAVEL
Thryve Inside/ L.Reu,Rham,Casi; B.Lactis
7 AM Ultra Probiotics
LiveWell Nutrition / Pro-45
nature's way (au) / restore probiotic 100 billion
nature's way (au) / restore probiotic daily health 90s
nature's way (au) / restore probiotic 30 billion 30s
blackmores (au) / probiotics + adults daily (90 capsules)
blackmores (au) / probiotics+ immune defence
blackmore (au) / probiotics+ eczema relief
blackmore (au) / probiotics+ daily health
bioglan bio (au) / happy probiotic 100
bioglan bio (au) / happy probiotic 50
jarrow formulas / bifidus balance® + fos
jarrow formulas / jarro-dophilus® ultra
newrhythm / probiotics 20 stains
naturopathica (au) / gastrohealth fibrepro
naturopathica (au) / gastrohealth probiotic ultimate daily care 100billion
biospec / probiotio-5
zint nutrition / probiotic collagen +
elixia / probiotic
1 md / complete probiotics platinum
renew life / ultimate flora
garden of life / primal defense
hyperbiotics / pro-15

jarrow formula / jarro-dophilus original
microbiome labs / restorflora
organic 3 / gutpro
organic 3 / primal gut
organic 3 / yeastbiotic
up4 / ultra
up4 / adult
up4 / women's
douglas laboratories / multi probiotic 40 billion
vinco / probiotic eight 65
custom probiotics / four strain lactobacilli
custom probiotics / six strain probiotic powder
renew life men's probiotic - ultimate
lifted naturals / mood boosting probiotic
vita miracle / ultra-30 probiotics
bioray / cytoflora
seed / female version
seed / male version
quantum wellness / restora flora
nature's instincts / ultra spore probiotic
florastor / florastor
nature's bounty / probioti 10
solaray / mycrobiome probiotic colon formula
ferring / vsl#3
fairvital / microflora basic
fürstenmed / lacto-bifido
jarrow formulas / jarro-dophilus eps
udo's choice / super 8 gold
spain (es) / axiboulardi
spain (es) / ultralevura
spain (es) / l3.1
spain (es) / vivomixx
goodbelly drink
visbiome
young living/life 9
optibac / for your cholesterol
optibac / saccharomyces boulardii
Ombre / Metabolic Booster
Ombre / Endless Energy
Ombre / Heart Health
Ombre / Ultimate Immunity
Krauterhaus / Lactopro
Dr. Mercola / Complete Probiotics
Lake Avenue Nutrition / Probiotics 10 Strain Blend
MegaFood / MegaFlora
imaglin / NutriLots Replenish
ProbioMax® Daily DF
Resbiotic / resB® Lung Support
SuperSmart / Probio Forte
SuperSmart / Full Spectrum Probiotic Formula
SuperSmart / Candalb
SuperSmart / Derma Relief
SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturized)
SuperSmart / Lactoxira
SuperSmart / Saccharomyces Boulardii
Eden's / 3-in-1 Synbiotic Superblend
Schwabe Pharma Italia / AxiBoulardi
Bromatech / ENTERELLE PLUS

Bromatech(IT) / FEMELLE
Northwest Natural Products / PB8
Floradapt Cardio
Floradapt Gut Comfort
HMF Metabolic
Immune Defense Daily Chewable Probiotic
Nature's Lab Cardio
Nature's Lab Intensive GI
Purica Probiotic Cardio
Purica Probiotic Intensive GI
Symprove™
UltraFlora® Immune Booster
UltraFlora® Intensive Care
Maple Life Science™ / Lactobacillus plantarum
Wakunaga / Max Probiotic
Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains
Bulk Probiotics / Saccharomyces boulardii Probiotic Powder (Digestive Support)
Bulk Probiotics / L Plantarum Probiotic Powder
Next Generation
Physis / Advance Probiotics
Swiss BioEnergetics / Full Spectrum Probiotic Defence
NaturalPharma / Profit Probiotics
Advanced Bio-Cultures / Advance Multi Strain Probiotics

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.

Arctium lappa {Burdock Root}

Below normal temperature {Cold exposure}

Bovine Milk Products {Dairy}

d-galactose {milk sugar}

Dihydroquercetin {Taxifolin}

high-fat diets

Linum usitatissimum {Flaxseed}

Nitrogen Oxide x Particulate Matter {Urban air pollutant}

walnuts

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