

Microbiome Information for: Atherosclerosis

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 *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

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Atherosclerosis

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
Akkermansia	<i>genus</i>	Low	239934	Prevotella	<i>genus</i>	High	838
Clostridium	<i>genus</i>	Low	1485	Proteus	<i>genus</i>	High	583
Collinsella	<i>genus</i>	High	102106	Providencia	<i>genus</i>	High	586
Edwardsiella	<i>genus</i>	High	635	Roseburia	<i>genus</i>	Low	841
Eubacterium	<i>genus</i>	Low	1730	Eubacterium xylanophilum	<i>species</i>	Low	39497
Faecalibacterium	<i>genus</i>	High	216851	Odoribacter splanchnicus	<i>species</i>	Low	28118
				Roseburia intestinalis	<i>species</i>	Low	166486

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.

(-) -levobunolol hydrochloride,(prescription)
 (-)-emtricitabine,(prescription)
 (-)-eseroline fumarate salt,(prescription)
 (-)-isoproterenol hydrochloride,(prescription)
 (-)-mk 801 hydrogen maleate,(prescription)
 (+) -levobunolol hydrochloride,(prescription)
 (+)-isoproterenol (+)-bitartrate salt,(prescription)
 (+;-)-octopamine hydrochloride,(prescription)
 (+;-)-synephrine,(prescription)
 (r) -naproxen sodium salt,(prescription)
 (r)(+)-atenolol,(prescription)
 (r)-propranolol hydrochloride,(prescription)
 (s)(-)-atenolol,(prescription)
 (s)(-)-cycloserine (antibiotic)
 (s)-propranolol hydrochloride,(prescription)
 2-aminobenzenesulfonamide (antibiotic)
 2-chloropyrazine non-drug
 3-alpha-hydroxy-5-beta-androstan-17-one,(prescription)
 4-aminosalicylic acid (antibiotic)
 6-furfurylaminopurine non-drug
 abacavir sulfate,(prescription)
 acamprosate calcium,(prescription)
 acarbose,(prescription)
 acebutolol hydrochloride,(prescription)
 aceclidine hydrochloride,(prescription)
 acedfenac,(prescription)
 acefylline,(prescription)
 acemetacin,(prescription)
 acenocoumarol,(prescription)
 acetaminophen,(prescription) Paracetamol in UK
 acetazolamide,(prescription)
 acetohexamide,(prescription)
 acetopromazine maleate salt,(prescription)
 acetylsalicylic acid,aspirin
 acetylsalicylsalicylic acid non-drug
 acipimox,(prescription)
 acitretin,(prescription)
 acyclovir,(prescription)
 adamantamine fumarate,(prescription)
 adenosine 5`-monophosphate monohydrate non-drug
 adiphenine hydrochloride,(prescription)
 adrenosterone,(prescription)
 albendazole,(prescription)
 aldometasone dipropionate,(prescription)
 alcuronium chloride,(prescription)
 alendronate sodium,(prescription)
 isosorbide mononitrate,(prescription)
 isotretinoin,(prescription)
 isoxicam,(prescription)
 isoxsuprine hydrochloride,(prescription)
 isradipine,(prescription)
 itopride,(prescription)
 itraconazole,(prescription)
 ivermectin,(prescription)
 kanamycin (antibiotic)
 ketanserine tartrate hydrate,(prescription)
 ketoprofen,(prescription)
 ketorolac tromethamine,(prescription)
 ketotifen fumarate,(prescription)
 khellin non-drug
 l(-)-vesamicol hydrochloride non-drug
 labetalol hydrochloride,(prescription)
 lacidipine,(prescription)
 lactobacillus casei (probiotics) 48 BCFU/day
 lactobacillus gasseri (probiotics) 10 BCFU/day
 lamivudine,(prescription)
 lamotrigine,(prescription)
 lanatoside c,(prescription)
 lansoprazole,(prescription)
 lard
 leflunomide,(prescription)
 letrozole,(prescription)
 levalbuterol hydrochloride,(prescription)
 levamisole hydrochloride,(prescription)
 levetiracetam,(prescription)
 levocabastine hydrochloride,(prescription)
 levodopa,(prescription)
 levonordefrin,(prescription)
 levopropoxyphene napsylate non-drug
 lidocaine hydrochloride,(prescription)
 liothyronine,(prescription)
 liranaftate,(prescription)
 lisinopril,(prescription)
 lithocholic acid non-drug
 lofexidine,(prescription)
 lomefloxacin hydrochloride (antibiotic)
 loperamide hydrochloride,(prescription)
 lorglumide sodium salt non-drug
 losartan,(prescription)
 lovastatin,(prescription)
 luteolin (flavonoid) 400 mg/day
 lynestrenol,(prescription)

alfacalcidol,(prescription)
 alfadolone acetate,(prescription)
 alfaxalone,(prescription)
 alfuzosin hydrochloride,(prescription)
 alizapride hcl,(prescription)
 allantoin non-drug
 allopurinol,(prescription)
 alprenolol hydrochloride,(prescription)
 alprostadil,(prescription)
 althiazide,(prescription)
 altretamine,(prescription)
 alverine citrate salt,(prescription)
 ambrisentan,(prescription)
 ambroxol hydrochloride,(prescription)
 amcinonide,(prescription)
 amethopterin (r,s),(prescription)
 amfepramone hydrochloride,(prescription)
 amidopyrine,(prescription)
 amifostine,(prescription)
amikacin hydrate (antibiotic)
 amiloride hydrochloride dihydrate,(prescription)
 aminocaproic acid,(prescription)
 aminohippuric acid,(prescription)
 aminophylline,(prescription)
 aminopurine; 6-benzyl non-drug
 amiprilose hydrochloride non-drug
 amisulpride,(prescription)
 amitryptiline hydrochloride,(prescription)
 amodiaquin dihydrochloride dihydrate,(prescription)
 amoxapine,(prescription)
 amphotericin b,(prescription)
 amprolium hydrochloride,(prescription)
 ampyrone non-drug
 amrinone,(prescription)
 amyleine hydrochloride,(prescription)
 anastrozole,(prescription)
 androsterone,(prescription)
 anethole-trithione,(prescription)
 aniracetam,(prescription)
 antazoline hydrochloride,(prescription)
 antimycin a,(prescription)
 antipyrine,(prescription)
 antipyrine; 4-hydroxy non-drug
apramycin (antibiotic)
Arbutin (polyphenol) 100 mg/day
 argatroban,(prescription)
 aripiprazole,(prescription)
 artemisinin,(prescription)
 artocaine hydrochloride,(prescription)
 asenapine maleate,(prescription)
 atorvastatin (prescription) 80 mg/day
 atovaquone,(prescription)
 atractyloside potassium salt non-drug
 atracurium besylate,(prescription)
 atropine sulfate monohydrate,(prescription)
 azacyclonol,(prescription)
 azacytidine-5,(prescription)
 azaguanine-8,(prescription)
 maprotiline hydrochloride,(prescription)
 mebendazole,(prescription)
 mebeverine hydrochloride,(prescription)
 mecamlamine hydrochloride,(prescription)
 meclofenamic acid sodium salt monohydrate,(prescription)
 meclofenoxate hydrochloride,(prescription)
 mediterranean diet
 medrysone,(prescription)
 mefenamic acid,(prescription)
 mefexamide hydrochloride,(prescription)
 meggestrol acetate,(prescription)
 meglumine,(prescription)
melengestrol acetate non-drug
 meloxicam,(prescription)
 memantine hydrochloride,(prescription)
 mepenzolate bromide,(prescription)
 mephenesin,(prescription)
 mephentermine hemisulfate,(prescription)
 mephenytoin,(prescription)
 mepivacaine hydrochloride,(prescription)
 mepylcaine hydrochloride,(prescription)
 meptazinol hydrochloride,(prescription)
 mercaptopurine,(prescription)
 mesalamine,(prescription)
 mesna,(prescription)
 mesoridazine besylate,(prescription)
 metaproterenol sulfate; orciprenaline sulfate,(prescription)
 metamaminol bitartrate,(prescription)
 methacholine chloride,(prescription)
 methantheline bromide,(prescription)
 methapyrilene hydrochloride,(prescription)
 methazolamide,(prescription)
methenamine (antibiotic)
 methiazole,(prescription)
 methimazole,(prescription)
 methocarbamol,(prescription)
 methotrexate,(prescription)
 methotrimeprazine maleat salt,(prescription)
 methoxamine hydrochloride,(prescription)
 methylatropine nitrate,(prescription)
 methyl dopa (l;-),(prescription)
 methyl dopate hydrochloride,(prescription)
 methylergometrine maleate,(prescription)
methylhydantoin-5-(d) non-drug
methylhydantoin-5-(l) non-drug
 methylprednisolone; 6-alpha,(prescription)
 meticrane,(prescription)
 metoclopramide monohydrochloride,(prescription)
 metolazone,(prescription)
 metoprolol-(+;-) (+)-tartrate salt,(prescription)
 metrizamide,(prescription)
 metyrapone,(prescription)
mevalonic-d; l acid lactone non-drug
 mevastatin,(prescription)
 mexiletine hydrochloride,(prescription)
 mianserine hydrochloride,(prescription)
 midodrine hydrochloride,(prescription)
 mifepristone,(prescription)

azaperone,(prescription)
 azapropazone,(prescription)
 azathioprine,(prescription)
 baclofen (r;s),(prescription)
 balsalazide sodium,(prescription)
 bambuterol hydrochloride,(prescription)
 beclomethasone dipropionate,(prescription)
 bemegride,(prescription)
 benazepril hcl,(prescription)
 bendroflumethiazide,(prescription)
 benfotiamine,(prescription) 900 mg/day
 benoxinate hydrochloride,(prescription)
 benperidol,(prescription)
 benserazide hydrochloride non-drug
 benzamil hydrochloride,(prescription)
 benzocaine,(prescription)
 benzonatate,(prescription)
 benzthiazide,(prescription)
 benztropine mesylate,(prescription)
 bethovenium hydroxynaphthoate,(prescription)
 beta-escin non-drug
 betahistine mesylate,(prescription)
 betamethasone,(prescription)
 betaxolol hydrochloride,(prescription)
 betazole hydrochloride,(prescription)
 bethanechol chloride,(prescription)
 bezafibrate,(prescription)
 bicalutamide,(prescription)
 biperiden hydrochloride,(prescription)
 bisacodyl,(prescription)
 bisoprolol fumarate,(prescription)
 bosentan,(prescription)
 bretylium tosylate,(prescription)
 brinzolamide,(prescription)
 bromhexine hydrochloride,(prescription)
 bromocryptine mesylate,(prescription)
 bromopride,(prescription)
 brompheniramine maleate,(prescription)
 bucladesine sodium salt,(prescription)
 budesonide,(prescription)
 bufexamac,(prescription)
 buflomedil hydrochloride,(prescription)
 bumetanide,(prescription)
 bupivacaine hydrochloride,(prescription)
 bupropion hydrochloride,(prescription)
 buspirone hydrochloride,(prescription)
 busulfan,(prescription)
 butacaine,(prescription)
 butalbital,(prescription)
 butamben,(prescription)
 butenafine hydrochloride,(prescription)
 butylparaben non-drug
 butylscopolammonium (n-) bromide,(prescription)
Cacao 20 gram/day
 calcipotriene,(prescription)
 camptothecine (s;+) non-drug
 camylofine chlorhydrate,(prescription)
 candesartan,(prescription)
 miglitol,(prescription)
 milrinone,(prescription)
 minaprine dihydrochloride,(prescription)
 minoxidil,(prescription)
 mirtazapine,(prescription)
 misoprostol,(prescription)
 mitotane,(prescription)
 mizolastine,(prescription)
 moclobemide,(prescription)
 modafinil,(prescription)
 molindone hydrochloride,(prescription)
 molsidomine,(prescription)
 mometasone furoate,(prescription)
 monensin sodium salt,(prescription)
 monobenzene,(prescription)
 montelukast,(prescription)
 morantel tartrate,(prescription)
 moroxidine hydrochloride,(prescription)
morpholinoethylamino-3-benzocyclohepta-(5;6-c)-pyridazine dihydrochloride non-drug
moxifloxacin (antibiotic)
 moxislyte hydrochloride,(prescription)
 moxonidine,(prescription)
n6-methyladenosine non-drug
 nabumetone,(prescription)
N-Acetyl Cysteine (NAC), 2400 mg/day
 n-acetyl-dl-homocysteine thiolactone,(prescription)
 n-acetyl-L-leucine,(prescription)
nadide non-drug
 nadolol,(prescription)
 nafronyl oxalate,(prescription)
 naftifine hydrochloride,(prescription)
 naftopidil dihydrochloride,(prescription)
 nalbuphine hydrochloride,(prescription)
nalidixic acid sodium salt (antibiotic)
 nalmeferine hydrochloride,(prescription)
 naloxone hydrochloride,(prescription)
 naltrexone hydrochloride dihydrate,(prescription)
 nandrolone,(prescription)
 naphazoline hydrochloride,(prescription)
 naproxen,(prescription)
 nefazodone hcl,(prescription)
 nefopam hydrochloride,(prescription)
NEOMYCIN (ANTIBIOTIC)S[CFS]
 neostigmine bromide,(prescription)
 nialamide,(prescription)
 nicardipine hydrochloride,(prescription)
 nicergoline,(prescription)
 nicorandil,(prescription)
 nicotinamide,(prescription) 6 gram/day
 nifedipine,(prescription)
 nifenazone,(prescription)
 niflumic acid,(prescription)
 nilutamide,(prescription)
 nilvadipine,(prescription)
 nimesulide,(prescription)
 nimodipine,(prescription)
 nisoldipine,(prescription)

canrenoic acid potassium salt,(prescription)
 canrenone,(prescription)
 captopril,(prescription)
 carbachol,(prescription)
 carbamazepine,(prescription)
 carbarsone non-drug
 carbenoxolone disodium salt,(prescription)
 carbetapentane citrate,(prescription)
 carbidopa non-drug
 carbimazole,(prescription)
 carbinoxamine maleate salt,(prescription)
 carisoprodol,(prescription)
 carprofen,(prescription)
 carteolol hydrochloride,(prescription)
 carvedilol,(prescription)
 catharanthine,(prescription)
cefadroxil (antibiotic)
 celecoxib,(prescription)
 celiprolol hcl,(prescription)
cephalosporanic acid; 7-amino (antibiotic)
 cetirizine dihydrochloride,(prescription)
 chenodiol,(prescription)
 chlorambucil,(prescription)
 chlormadinone acetate,(prescription)
 chlormezanone,(prescription)
 chloropyramine hydrochloride,(prescription)
CHLOROQUINE DIPHOSPHATE,(PRESCRIPTION)[CFS]
 chlorothiazide,(prescription)
 chlorotrianisene,(prescription)
 chlorphensin carbamate,(prescription)
 chlorpropamide,(prescription)
 chlorprothixene hydrochloride,(prescription)
 chlorthalidone,(prescription)
 chlorzoxazone,(prescription)
 ciclopirox ethanolamine,(prescription)
 cilnidipine,(prescription)
 cilostazol,(prescription)
 cimetidine,(prescription)
 cinnarizine,(prescription)
cinoxacin (antibiotic)
 ciprofibrate,(prescription)
 cisapride,(prescription)
 citalopram hydrobromide,(prescription)
 cladribine,(prescription)
 clebopride maleate,(prescription)
 clemastine fumarate,(prescription)
 clenbuterol hydrochloride,(prescription)
 clidinium bromide,(prescription)
 clobetasol propionate,(prescription)
 clobutinol hydrochloride,(prescription)
 dlocortolone pivalate,(prescription)
 clodronate,(prescription)
 clofibrate,(prescription)
 clofibric acid non-drug
 clomipramine hydrochloride,(prescription)
 clonidine hydrochloride,(prescription)
 clonixin lysinate,(prescription)
 clopamide,(prescription)
nisoxetine hydrochloride non-drug
 nitrendipine,(prescription)
nitrocaramiphen hydrochloride non-drug
 nizatidine,(prescription)
 nocodazole,(prescription)
 nomegestrol acetate,(prescription)
 nomifensine maleate,(prescription)
 norcyclobenzaprine,(prescription)
 norethindrone,(prescription)
 norethynodrel,(prescription)
norfloxacin (antibiotic)
 norgestimate,(prescription)
 norgestrel(-)-d,(prescription)
 nortriptyline hydrochloride,(prescription)
 nylidrin,(prescription)
 nystatine,(prescription)
 olanzapine,(prescription)
oligosaccharides (prebiotic)
 olmesartan,(prescription)
 olopatadine hydrochloride,(prescription)
 ondansetron hydrochloride,(prescription)
 opipramol dihydrochloride,(prescription)
 orphenadrine hydrochloride,(prescription)
 oxalamine citrate salt,(prescription)
 oxandrolone,(prescription)
 oxantel pamoate,(prescription)
 oxaprozin,(prescription)
 oxcarbazepine,(prescription)
 oxfendazol,(prescription)
 oxibendazol,(prescription)
oxolinic acid (antibiotic)
 oxprenolol hydrochloride,(prescription)
oxybenzone non-drug
 oxybutynin chloride,(prescription)
 oxymetazoline hydrochloride,(prescription)
 oxyphenbutazone,(prescription)
 ozagrel hydrochloride,(prescription)
 paclitaxel,(prescription)
 pancuronium bromide,(prescription)
 panthenol (d),(prescription)
 papaverine hydrochloride,(prescription)
 parbendazole,(prescription)
 pargyline hydrochloride,(prescription)
paromomycin (antibiotic)s
 paroxetine hydrochloride,(prescription)
parthenolide non-drug
pefloxacine (antibiotic)
 pemirolast potassium,(prescription)
 pempidine tartrate,(prescription)
 penbutolol sulfate,(prescription)
 penciclovir,(prescription)
 penicillamine,(prescription)
pentetic acid non-drug
 pentobarbital,(prescription)
 pentolinium bitartrate,(prescription)
 pentoxifylline,(prescription)
 pentylenetetrazole,(prescription)
pepstatin a non-drug

cloperastine hydrochloride,(prescription)
 clorgyline hydrochloride,(prescription)
 clorsulon,(prescription)
 clozapine,(prescription)
 colchicine,(prescription)
 corticosterone non-drug
 cortisol acetate,(prescription)
 cortisone,(prescription)
 cromolyn disodium salt,(prescription)
 crotamiton,(prescription)
 cyclizine hydrochloride,(prescription)
 cycloheximide non-drug
 cyclopenthiazide,(prescription)
 cyclopentolate hydrochloride,(prescription)
 cyclophosphamide,(prescription)
 cyclosporin a,(prescription)
 cyproheptadine hydrochloride,(prescription)
 cyproterone acetate,(prescription)
 cytarabine,(prescription)
 dacarbazine,(prescription)
 danazol,(prescription)
DAPSONE (ANTIBIOTIC)[CFS]
 darifenacin hydrobromide,(prescription)
d-cycloserine (antibiotic)
 debrisoquin sulfate,(prescription)
 decamethonium bromide,(prescription)
 deferoxamine mesylate,(prescription)
 deflazacort,(prescription)
 dehydrocholic acid non-drug
 dehydroisoandrosterone 3-acetate,(prescription)
 demecarium bromide,(prescription)
 denatonium benzoate non-drug
 deoxycorticosterone,(prescription)
 depropine citrate,(prescription)
 desipramine hydrochloride,(prescription)
 desloratadine,(prescription)
 dexamethasone acetate,(prescription)
 dexfenfluramine hydrochloride,(prescription)
 dextromethorphan hydrobromide monohydrate,(prescription)
 diazoxide,(prescription)
 dibenzepine hydrochloride,(prescription)
 dibucaine,(prescription)
 dichlorphenamide,(prescription)
 didazuril,(prescription)
 didofenac sodium,(prescription)
 dicyclomine hydrochloride,(prescription)
 didanosine,(prescription)
 dienestrol,(prescription)
 diethylcarbamazine citrate,(prescription)
 diethylstilbestrol,(prescription)
 diflorasone diacetate,(prescription)
 diflunisal,(prescription)
 digitoxigenin,(prescription)
 digoxigenin non-drug
 digoxin,(prescription)
 dihydroergotamine tartrate,(prescription)
dihydrostreptomycin sulfate (antibiotic)
 dilazep dihydrochloride,(prescription)
 pergolide mesylate,(prescription)
 perindopril,(prescription)
 phenacetin,(prescription)
 phenazopyridine hydrochloride,(prescription)
 phenelzine sulfate,(prescription)
 phenformin hydrochloride,(prescription)
 phenindione,(prescription)
 pheniramine maleate,(prescription)
 phenoxybenzamine hydrochloride,(prescription)
 phensuximide,(prescription)
 phentermine hydrochloride,(prescription)
 phentolamine hydrochloride,(prescription)
 phenylbutazone,(prescription)
 phenylpropanolamine hydrochloride,(prescription)
phthalylsulfathiazole (antibiotic)
 picotamide monohydrate,(prescription)
picrotoxinin non-drug
 pilocarpine nitrate,(prescription)
 pimethixene maleate,(prescription)
 pimizide,(prescription)
 pinacidil,(prescription)
 pindolol,(prescription)
 pioglitazone,(prescription)
pipemidic acid (antibiotic)
 pipenzolate bromide,(prescription)
piperacetazine non-drug
 piperidolate hydrochloride,(prescription)
pirenperone non-drug
 pirenzepine dihydrochloride,(prescription)
 piretanide,(prescription)
 piribedil hydrochloride,(prescription)
 pirlindole mesylate,(prescription)
piromidic acid (antibiotic)
 piroxicam,(prescription)
pivmecillinam hydrochloride (antibiotic)
 pizotifen malate,(prescription)
 podophyllotoxin,(prescription)
 practolol,(prescription)
 pralidoxime chloride,(prescription)
 pramipexole,(prescription)
 pramoxine hydrochloride,(prescription)
 pranlukast,(prescription)
 pranoprofen,(prescription)
 pravastatin,(prescription)
 praziquantel,(prescription)
 prazosin hydrochloride,(prescription)
 prednicarbate,(prescription)
 prednisolone,(prescription)
 prednisone,(prescription)
pregnenolone non-drug
 pridinol methanesulfonate salt,(prescription)
 prilocaine hydrochloride,(prescription)
 primaquine diphosphate,(prescription)
 primidone,(prescription)
proadifen hydrochloride non-drug
 probenecid,(prescription)
 probucol,(prescription)
 procainamide hydrochloride,(prescription)

diloxanide furoate,(prescription)
 diltiazem hydrochloride,(prescription)
 dimaprit dihydrochloride non-drug
 dimenhydrinate,(prescription)
 dimethadione,(prescription)
 dimethisoquin hydrochloride,(prescription)
 dinoprost trometamol,(prescription)
 diosmin,(polyphenol) 1500 mg/day
 dioxybenzone non-drug
 dipiperidon hydrochloride non-drug
 diphemanil methylsulfate,(prescription)
 diphenhydramine hydrochloride,(prescription)
 diphenidol hydrochloride,(prescription)
 diphenylpyraline hydrochloride,(prescription)
 dipivefrin hydrochloride,(prescription)
 diprophylline,(prescription)
 dipyridamole,(prescription)
 dipyrone,(prescription)
 disopyramide,(prescription)
 disulfiram,(prescription)
 dizocipine maleate,(prescription)
 do 897/99 non-drug
 dobutamine hydrochloride,(prescription)
 docetaxel,(prescription)
 dolasetron mesilate,(prescription)
 domperidone,(prescription)
 dorzolamide hydrochloride,(prescription)
 dosulepin hydrochloride,(prescription)
 doxepin hydrochloride,(prescription)
 doxofylline,(prescription)
 doxylamine succinate,(prescription)
 drofenine hydrochloride,(prescription)
 droperidol,(prescription)
 dropropizine (r,s),(prescription)
 dyclonine hydrochloride,(prescription)
 dydrogesterone,(prescription)
 ebumamonine (-),(prescription)
 edrophonium chloride,(prescription)
 efavirenz,(prescription)
 emedastine,(prescription)
 enalapril maleate,(prescription)
enoxacin (antibiotic)
 entacapone,(prescription)
 epiandrosterone,(prescription)
 epinephrine
 epirizole,(prescription)
 epitostanol,(prescription)
 equilin,(prescription)
 erlotinib,(prescription)
 escitalopram,(prescription)
 eserine hemisulfate salt,(prescription)
 esmolol hydrochloride,(prescription)
 estradiol valerate,(prescription)
 estradiol-17 beta,(prescription)
 estriol,(prescription)
 estrone,(prescription)
 estropipate,(prescription)
 etanidazole,(prescription)
 procaine hydrochloride,(prescription)
 procarbazine hydrochloride,(prescription)
 prochlorperazine dimaleate,(prescription)
 procyclidine hydrochloride,(prescription)
 progesterone,(prescription)
 proglumide,(prescription)
 proguanil hydrochloride,(prescription)
pronethalol hydrochloride non-drug
 propafenone hydrochloride,(prescription)
 propantheline bromide,(prescription)
 proparacaine hydrochloride,(prescription)
propidium iodide non-drug
 propofol,(prescription)
 propoxycaine hydrochloride,(prescription)
 propylthiouracil,(prescription)
 proscillaridin a,(prescription)
prothionamide (antibiotic)
 protriptyline hydrochloride,(prescription)
 pyrantel tartrate,(prescription)
pyrazinamide (antibiotic)
 pyridostigmine iodide,(prescription)
 pyrilamine maleate,(prescription)
 pyrithyldione,(prescription)
 pyrvinium pamoate,(prescription)
 quetiapine hemifumarate,(prescription)
 quinapril hcl,(prescription)
 quinethazone,(prescription)
 quinidine hydrochloride monohydrate,(prescription)
quipazine dimaleate salt non-drug
 r(-) apomorphine hydrochloride hemihydrate,(prescription)
 rabeprazole sodium salt,(prescription)
 racecadotril,(prescription)
 racepinephrine hcl,(prescription)
 Racetams 24 gram/day
raclopride non-drug
 raloxifene hydrochloride,(prescription)
 ramipril,(prescription)
 ranitidine hydrochloride,(prescription)
 ranolazine,(prescription)
 rebamipide,(prescription)
 reboxetine mesylate,(prescription)
 remoxipride hydrochloride,(prescription)
 repaglinide,(prescription)
 reserpine,(prescription)
retinoic acid,(Vitamin A derivative)
 ribavirin,(prescription)
ribostamycin sulfate salt (antibiotic)
rifaximin (antibiotic)s 1600 mg/day
 riluzole hydrochloride,(prescription)
 rimantadine hydrochloride,(prescription)
 rimexolone,(prescription)
 risperidone,(prescription)
 ritodrine hydrochloride,(prescription)
 rivastigmine,(prescription)
 rofecoxib,(prescription)
rolipram non-drug
 ropinirole hcl,(prescription)
 rosiglitazone hydrochloride,(prescription)

ethacrynic acid,(prescription)
ethambutol dihydrochloride (antibiotic)
 ethamivan,(prescription)
 ethamsylate,(prescription)
 ethaverine hydrochloride,(prescription)
 ethinylestradiol,(prescription)
ethionamide (antibiotic)
 ethisterone,(prescription)
 ethosuximide,(prescription)
 ethotoin,(prescription)
 ethoxyquin non-drug
 ethynodiol diacetate,(prescription)
 ethynylestradiol 3-methyl ether,(prescription)
 etidronic acid; disodium salt,(prescription)
 etifenin,(prescription)
 etilefrine hydrochloride,(prescription)
 etodolac,(prescription)
 etofenamate,(prescription)
 etofylline,(prescription)
 etomidate,(prescription)
 etoricoxib,(prescription)
 etretinate,(prescription)
 eucatropine hydrochloride non-drug
 exemestane,(prescription)
Exercise
 fadrozole hydrochloride,(prescription)
 famciclovir,(prescription)
 famotidine,(prescription)
 famprofazone,(prescription)
fat
 felbinac,(prescription)
 felodipine,(prescription)
 fenbendazole,(prescription)
 fenbufen,(prescription)
 fenipentol,(prescription)
 fenofibrate,(prescription)
 fenoprofen calcium salt dihydrate,(prescription)
 fenoterol hydrobromide,(prescription)
 fenspiride hydrochloride,(prescription)
 fentiazac,(prescription)
 fexofenadine hcl,(prescription)
 finasteride,(prescription)
 fipexide hydrochloride,(prescription)
 flavoxate hydrochloride,(prescription)
 flecainide acetate,(prescription)
floxacin (antibiotic)
 floxuridine,(prescription)
 flubendazol,(prescription)
 fluconazole,(prescription)
 flucytosine,(prescription)
 fludarabine,(prescription)
 fludrocortisone acetate,(prescription)
 flumethasone,(prescription)
 flunarizine dihydrochloride,(prescription)
 flunisolide,(prescription)
 fluocinolone acetonide,(prescription)
 fluocinonide,(prescription)
 fluorometholone,(prescription)
 roxatidine acetate hcl,(prescription)
s(-)etidopride hydrochloride non-drug
 salbutamol,(prescription)
 salmeterol,(prescription)
 scopolamine hydrochloride,(prescription)
 scopolamin-n-oxide hydrobromide,(prescription)
 selegiline hydrochloride,(prescription)
serotonin hydrochloride non-drug
 sertraline,(prescription)
 sibutramine hcl,(prescription)
 sildenafil,(prescription)
 simvastatin,(prescription)
sisomicin sulfate (antibiotic)
 sotalol hydrochloride,(prescription)
 spaglumic acid,(prescription)
spectinomycin dihydrochloride (antibiotic)
 spiperone,(prescription)
 spironolactone,(prescription)
 stavudine,(prescription)
streptomycin (antibiotic)s
succinylsulfathiazole (antibiotic)
sulbactam (antibiotic)
sulfabenzamide
sulfacetamide sodic hydrate (antibiotic)
 sulfachloropyridazine,(prescription)
sulfadiazine (antibiotic)
sulfadimethoxine (antibiotic)
 sulfadoxine,(prescription)
sulfaguanidine (antibiotic)
sulfamerazine (antibiotic)
sulfameter (antibiotic)
sulfamethazine sodium salt (antibiotic)
sulfamethizole (antibiotic)
sulfamethoxazole (antibiotic)
sulfamethoxypyridazine (antibiotic)
 sulfamonomethoxine,(prescription)
sulfanilamide (antibiotic)
sulfaphenazole (antibiotic)
sulfapyridine (antibiotic)
 sulfaquinoxaline sodium salt,(prescription)
 sulfasalazine,(prescription)
sulfathiazole (antibiotic)
 sulfinpyrazone,(prescription)
sulfisoxazole (antibiotic)
 sulindac,(prescription)
sulmazole non-drug
 sulpiride,(prescription)
 suprofen,(prescription)
 suxibuzone,(prescription)
 tacrine hydrochloride,(prescription)
 telenzepine dihydrochloride,(prescription)
 telmisartan,(prescription)
tenatoprazole non-drug
 tenoxicam,(prescription)
 terazosin hydrochloride,(prescription)
 terbutaline hemisulfate,(prescription)
 terconazole,(prescription)
 testosterone propionate,(prescription)

fluoxetine hydrochloride,(prescription)
 fluphenazine dihydrochloride,(prescription)
 flurandrenolide,(prescription)
 flurbiprofen,(prescription)
 fluspirilen,(prescription)
 flutamide,(prescription)
 fluticasone propionate,(prescription)
 fluvastatin sodium salt,(prescription)
 fluvoxamine maleate,(prescription)
 folic acid calcium salt,(prescription)
 fomepizole,(prescription)
 formestane,(prescription)
 formoterol fumarate,(prescription)
 fosfosal,(prescription)
 fosinopril,(prescription)
 fulvestrant,(prescription)
 furosemide,(prescription)
 fursultiamine hydrochloride non-drug
 gabapentin,(prescription)
 gabazine bromide non-drug
 gabexate mesilate non-drug
 galacto-oligosaccharides (prebiotic) 10 gram/day
 galanthamine hydrobromide,(prescription)
 gallamine triethiodide,(prescription)
 ganciclovir,(prescription)
 gatifloxacin (antibiotic)
 gbr 12909 dihydrochloride,(prescription)
 gemcitabine,(prescription)
 gemfibrozil,(prescription)
 gestrinone,(prescription)
 glafenine hydrochloride,(prescription)
 glibenclamide,(prescription)
 gliclazide,(prescription)
 glimepiride,(prescription)
 glipizide,(prescription)
 gliquidone,(prescription)
 glutethimide; para-amino,(prescription)
 glycopyrrolate,(prescription)
 granisetron,(prescription)
 griseofulvin,(prescription)
 guaifenesin,(prescription)
 guanabenz acetate,(prescription)
 guanadrel sulfate,(prescription)
 guanethidine sulfate,(prescription)
 guanfacine hydrochloride,(prescription)
 halcinonide,(prescription)
 haloprogyn,(prescription)
 hemicholinium bromide non-drug
 heptaminol hydrochloride,(prescription)
 Hesperidin (polyphenol) 1.5 gram/day
 hexamethonium dibromide dihydrate non-drug
 hexestrol,(prescription)
 hexylcaine hydrochloride,(prescription)
 homatropine hydrobromide (r,s),(prescription)
 homochlorcyclizine dihydrochloride,(prescription)
 homosalate non-drug
 hydralazine hydrochloride,(prescription)
 hydrochlorothiazide,(prescription)
 tetracaine hydrochloride,(prescription)
 tetraethylenepentamine pentahydrochloride non-drug
 tetrahydroxy-1;4-quinone monohydrate non-drug
 tetrahydrozoline hydrochloride,(prescription)
 tetramisole hydrochloride,(prescription)
 thalidomide,(prescription)
 Theobromine (in food)
 theophylline monohydrate,(prescription)
 thiethylperazine dimalate,(prescription)
 thiocolchicoside,(prescription)
 thioguanosine,(prescription)
 thioperamide maleate non-drug
 thioproperazine dimesylate,(prescription)
 thiorphan,(prescription)
 thip hydrochloride non-drug
 thyroxine (l),(prescription)
 tiabendazole,(prescription)
 tiapride hydrochloride,(prescription)
 tiaprofenic acid,(prescription)
 tibolone,(prescription)
 ticlopidine hydrochloride,(prescription)
 tiletamine hydrochloride,(prescription)
 timolol maleate salt,(prescription)
 tizanidine hcl,(prescription)
 tobramycin (antibiotic)
 tocainide hydrochloride,(prescription)
 todralazine hydrochloride non-drug
 tolazamide,(prescription)
 tolazoline hydrochloride,(prescription)
 tolbutamide,(prescription)
 tolmetin sodium salt dihydrate,(prescription)
 tolnaftate,(prescription)
 toltrazuril non-drug
 tomoxetine hydrochloride,(prescription)
 topiramate,(prescription)
 topotecan,(prescription)
 toremifene,(prescription)
 torsemide,(prescription)
 tracazolate hydrochloride non-drug
 tramadol hydrochloride,(prescription)
 tranexamic acid,(prescription)
 tranilast,(prescription)
 tranlycypromine hydrochloride,(prescription)
 trapidil,(prescription)
 tremorine dihydrochloride non-drug
 triamcinolone,(prescription)
 triamterene,(prescription)
 tribenoside,(prescription)
 trichlorfon,(prescription)
 trichlormethiazide,(prescription)
 tridihexethyl chloride,(prescription)
 trifluridine,(prescription)
 triflusal,(prescription)
 trihexyphenidyl-d;l hydrochloride,(prescription)
 trimetazidine dihydrochloride,(prescription)
 trimethadione,(prescription)
 trimethobenzamide hydrochloride,(prescription)
 trimipramine maleate salt,(prescription)

hydrocortisone base,(prescription)
 hydroflumethiazide,(prescription)
 hydroxychloroquine sulfate,(prescription)
 hydroxytacrine maleate (r;s),(prescription)
 hydroxyzine dihydrochloride,(prescription)
 hymecromone,(prescription)
 hyoscyamine (l),(prescription)
 ibandronate sodium,(prescription)
 ibudilast,(prescription)
 ibuprofen
 ibutilide fumarate,(prescription)
 idazoxan hydrochloride non-drug
 idebenone,(prescription)
 idoxuridine,(prescription)
 ifenprodil tartrate,(prescription)
 ifosfamide,(prescription)
 imatinib,(prescription)
 imidurea non-drug
 imipramine hydrochloride,(prescription)
 imiquimod,(prescription)
 indapamide,(prescription)
 indatraline hydrochloride non-drug
 indomethacin,(prescription)
 indoprofen,(prescription)
 iobenguane sulfate,(prescription)
 iocetamic acid,(prescription)
 iodipamide,(prescription)
 iodixanol,(prescription)
 iohexol,(prescription)
 iopamidol,(prescription)
 iopanoic acid,(prescription)
 iopromide,(prescription)
 ioversol,(prescription)
 ioxaglic acid,(prescription)
 iproniazide phosphate,(prescription)
 ipsapirone non-drug
 irinotecan hydrochloride trihydrate,(prescription)
 irsogladine maleate,(prescription)
 isocarboxazid,(prescription)
 isoetharine mesylate salt,(prescription)
 isoflupredone acetate,(prescription)
 isometheptene mucate,(prescription)
 isoniazid (antibiotic)
 isopropamide iodide,(prescription)
 isopyrin hydrochloride non-drug
 isoquinoline; 6;7-dimethoxy-1-methyl-1;2;3;4-tetrahydro;
 hydrochloride non-drug
 isosorbide dinitrate,(prescription)
 trioxsalen,(prescription)
 tripeleminamine hydrochloride,(prescription)
 triprolidine hydrochloride,(prescription)
 troglitazone,(prescription)
 trolox non-drug
 tropicamide,(prescription)
 tropisetron hcl,(prescription)
 tulobuterol,(prescription)
 tyloxapol,(prescription)
 urapidil hydrochloride,(prescription)
 urosiol,(prescription)
 valacyclovir hydrochloride,(prescription)
 valproic acid,(prescription)
 vardenafil,(prescription)
 vatalanib,(prescription)
 vecuronium bromide,(prescription)
 venlafaxine,(prescription)
 verapamil hydrochloride,(prescription)
 vidarabine,(prescription)
 vigabatrin,(prescription)
 viloxazine hydrochloride,(prescription)
 vincamine,(prescription)
 vinpocetine,(prescription) 60 mg/day
 viomycin sulfate (antibiotic)
 Vitamin B1,thiamine hydrochloride 1.8 gram/day
 Vitamin B-12 10 mg/day
 Vitamin B6,pyridoxine hydrochloride 200 mg/day
 vitamin B7, biotin 300 mg/day
 Vitamin C (ascorbic acid) 30 g/day
 voriconazole,(prescription)
 vorinostat,(prescription)
 warfarin,(prescription)
 xamoterol hemifumarate,(prescription)
 xylazine,(prescription)
 xylometazoline hydrochloride,(prescription)
 yohimbine hydrochloride,(prescription)
 zafirlukast,(prescription)
 zalcitabine,(prescription)
 zaleplon,(prescription)
 zaprinast non-drug
 zardaverine non-drug
 zileuton,(prescription)
 zimelidine dihydrochloride monohydrate,(prescription)
 ziprasidone,hydrochloride,(prescription)
 zomepirac sodium salt,(prescription)
 zonisamide,(prescription)
 zopiclone,(prescription)
 zoxazolamine non-drug
 zuclopenthixol dihydrochloride,(prescription)

Retail Probiotics

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

ASEA VIA / BIOME
 organic 3 / primal gut
 Garden of Life / Dr. Formulated Once Daily Women's
 hyperbiotics / pro-15
 douglas laboratories / multi probiotic 40 billion
 quantum wellness / restora flora
 vita miracle / ultra-30 probiotics
 SuperSmart / Full Spectrum Probiotic Formula
 1 md / complete probiotics platinum
 MegaFood / MegaFlora
 newrhythm / probiotics 20 stains
 Lake Avenue Nutrition / Probiotics 10 Strain Blend
 Windlove Probiotics / Ecologic®25
 Invivo / Bio.Me Femme UT
 PharmExtracta (IT) / INatal Sachets
 NaturalPharma / Profit Probiotics
 SuperSmart / Lactobacillus Gasseri
 OMNI-BIOTIC®/ TRAVEL
 up4 /women's
 nature's bounty / probioti 10
 CustomProbiotics.com / L. Gasseri Probiotic Powder
 SuperSmart / Derma Relief
 fairvital / microflora basic
 klaire labs / target gb-x
 jarro formulas / jarro-dophilus eps
 philips / colon health
 Sash Vitality /Bio-Cultures Probiotics for Adults
 SuperSmart / Vaginal Health
 7 AM Ultra Probiotics
 HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
 wakamoto (jp) / wakamoto pharmaceutical intestinal drug
 SuperSmart / Probio Forte
 organic 3 / gutpro
 seed / female version
 jarro formulas / jarro-dophilus® ultra
 Bromatech (IT) / Citogenex
 just for tummies / live bacteria
 visbiome
 garden of life / primal defense
 renew life men's probiotic - ultimate
 nature's way (au) / restore probiotic 100 billion
 bioglan bio (au) / happy probiotic 50
 fürstenmed / lacto-bifido
 spain (es) / muvagyn probiotico
 probiotic pur (de) / realdose nutrition
 vinco / probiotic eight 65
 NOW FOODS / Clinical GI Probiotic
 ecology_allergycare
 HLH BIOPHARMA(DE) / LACTOBACT ® OMNI FOS
 Physis / Advance Probiotics
 Dr. Mercola / Complete Probiotics
 Wholesome Wellness / Raw Probiotic
 bio-k+
 HLH BIOPHARMA(DE) / LACTOBACT ® METABOLIC

jarro formula / jarro-dophilus original
CustomProbiotics.com / L. Casei Probiotic Powder
HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
udo's choice /super 8 gold
Smidge /Sensitive Probiotic
Krauterhaus / Lactopro
LiveWell Nutrition / Pro-45
Jetson (US) / Immunity Probiotics
Advanced Bio-Cultures / Advance Multi Strain Probiotics
elixa / probiotic
bioray / cytoflora
renew life / ultimate flora
up4 / ultra
bioglan bio (au) / happy probiotic 100
Realdose
SuperSmart / Lactoxira

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.

Akkermansia muciniphila (probiotic)

amikacin (antibiotic)s

ampicillin (antibiotic)s[CFS]

barley

barley,oat

black raspberries

blueberry

Bofutsushosan

cefotaxime sodium salt (antibiotic)

ceftriaxone (antibiotic)s

cinnamon (oil. spice)

clostridium butyricum (probiotics),Miya,Miyarisan

cranberry bean flour

dietary fiber

fluoroquinolone (antibiotic)s

foeniculum vulgare,fennel

gentamicin (antibiotic)s

grape polyphenols

grapes

imipenem (antibiotic)s

inulin (prebiotic)

metformin (prescription)

noni

oregano (origanum vulgare, oil) |

piperacillin-tazobactam (antibiotic)s

Psyllium (Plantago Ovata Husk)

refined wheat breads

rhubarb

tetracycline (antibiotic)s

trimethoprim (antibiotic)s

vegetarians

vitamin a

walnuts

wheat

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Acne
ADHD
Allergic Rhinitis (Hay Fever)
Allergies
Alopecia (Hair Loss)
Alzheimer's disease
Amyotrophic lateral sclerosis (ALS) Motor Neuron
Ankylosing spondylitis
Anorexia Nervosa
Antiphospholipid syndrome (APS)
Asthma
Atherosclerosis
Autism
Autoimmune Disease
Barrett esophagus cancer
Bipolar Disorder
Brain Trauma
Carcinoma
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
Fibromyalgia
Functional constipation / chronic idiopathic constipation
gallstone disease (gsd)
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus
Generalized anxiety disorder
Gout
Graves' disease
Hashimoto's thyroiditis
Hidradenitis Suppurativa
Histamine Issues From Ubiome
Histamine Issues,Mast Cell Issue, DAO Insufficiency
hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
Hypoxia
IgA nephropathy (IgAN)
Inflammatory Bowel Disease
Insomnia
Intelligence
Irritable Bowel Syndrome
Juvenile idiopathic arthritis
Liver Cirrhosis
Long COVID
Lung Cancer
ME/CFS with IBS
ME/CFS without IBS
Menopause
Metabolic Syndrome
Mood Disorders
Multiple Sclerosis
Multiple system atrophy (MSA)
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
Osteoarthritis
Osteoporosis
Parkinson's Disease
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
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