

# The Gut Microbiota and Alzheimer's Disease

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Microbiota-Brain-Gut Axis and Neurodegenerative Diseases. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 94.	2.0	513
2	Metabolism of Formaldehyde In Vivo. , 2017, , 21-46.		0
3	Recent Progress in the Pharmacotherapy of Alzheimer's Disease. <i>Drugs and Aging</i> , 2017, 34, 811-820.	1.3	46
4	A Novel TREM2-Mediated Link between Diabetes and Cognitive Impairment: Recent Findings and Future Perspectives. , 2017, 7, .		3
5	Prebiotic Effect of Fructooligosaccharides from <i>Morinda officinalis</i> on Alzheimer's Disease in Rodent Models by Targeting the Microbiota-Gut-Brain Axis. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 403.	1.7	154
6	Periodontitis, Microbiomes and their Role in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 336.	1.7	68
7	Lipopolysaccharide (LPS) Accumulates in Neocortical Neurons of Alzheimer's Disease (AD) Brain and Impairs Transcription in Human Neuronal-Glial Primary Co-cultures. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 407.	1.7	77
8	Gastrointestinal (GI) Tract Microbes and Microbial Neurotoxins in the Human Central Nervous System (CNS) in Alzheimer's Disease (AD). , 2017, 07, .		1
9	Human Gut Microbiota in Health and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 549-560.	1.2	63
10	The Role of the Gut Microbiota in the Metabolism of Polyphenols as Characterized by Gnotobiotic Mice. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 409-421.	1.2	63
11	Antibiotic-mediated bacteriome depletion in <i>Apc<sup>Min/+</sup></i> mice is associated with reduction in mucus-producing goblet cells and increased colorectal cancer progression. <i>Cancer Medicine</i> , 2018, 7, 2003-2012.	1.3	36
12	<i>Bacteroidetes</i> Neurotoxins and Inflammatory Neurodegeneration. <i>Molecular Neurobiology</i> , 2018, 55, 9100-9107.	1.9	72
13	Dietary Interventions to Modulate the Gut Microbiome—How Far Away Are We From Precision Medicine. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 2142-2154.	0.9	61
14	Role of the peripheral innate immune system in the development of Alzheimer's disease. <i>Experimental Gerontology</i> , 2018, 107, 59-66.	1.2	114
15	A potential impact of <i>Helicobacter pylori</i> -related galectin-3 in neurodegeneration. <i>Neurochemistry International</i> , 2018, 113, 137-151.	1.9	21
16	Need for more holistic therapeutic and management strategies to understand the causal or correlative link of the A $\beta$ 2 amyloid pathway with Alzheimer's disease for a more efficient treatment. <i>Peptides</i> , 2018, 102, 75-77.	1.2	0
17	Review: Impact of <i>Helicobacter pylori</i> on Alzheimer's disease: What do we know so far?. <i>Helicobacter</i> , 2018, 23, e12454.	1.6	88
18	Different Cognitive Complaint Profiles in Memory Clinic and Depressive Patients. <i>American Journal of Geriatric Psychiatry</i> , 2018, 26, 463-475.	0.6	8

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19	<i>Clostridium butyricum</i> exerts a neuroprotective effect in a mouse model of traumatic brain injury via the gut-brain axis. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13260.	1.6	113
20	Influence of Altered Gut Microbiota Composition on Aging and Aging-Related Diseases. <i>Journal of Lifestyle Medicine</i> , 2018, 8, 1-7.	0.3	28
21	Microbiome-Derived Lipopolysaccharide (LPS) Selectively Inhibits Neurofilament Light Chain (NF-L) Gene Expression in Human Neuronal-Glial (HNG) Cells in Primary Culture. <i>Frontiers in Neuroscience</i> , 2018, 12, 896.	1.4	25
22	GUT-Brain Axis and Psychiatric Disorders. <i>Current Psychiatry Reviews</i> , 2018, 14, 178-186.	0.9	4
23	Procyanidins Extracted from Lotus Seedpod Ameliorate Amyloid- $\beta$ -Induced Toxicity in Rat Pheochromocytoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	1.9	13
24	Curcumin, Cardiometabolic Health and Dementia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2093.	1.2	46
25	Microbiota and Phage Therapy: Future Challenges in Medicine. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 86.	1.3	43
26	A Review: The Fate of Bacteriocins in the Human Gastro-Intestinal Tract: Do They Cross the Gut-Blood Barrier?. <i>Frontiers in Microbiology</i> , 2018, 9, 2297.	1.5	112
27	Neuroprotective Properties of Wine. , 2018, , 271-284.		0
28	Interplay among gut microbiota, intestinal mucosal barrier and enteric neuro-immune system: a common path to neurodegenerative diseases?. <i>Acta Neuropathologica</i> , 2018, 136, 345-361.	3.9	167
29	A Comparative Approach to Metabolic Aspects of Aging: Conserved Mechanisms and Effects of Calorie Restriction and Environment. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 155, 109-127.	0.9	3
30	Gut Dysbiosis and Muscle Aging: Searching for Novel Targets against Sarcopenia. <i>Mediators of Inflammation</i> , 2018, 2018, 1-15.	1.4	104
31	Aspects of Gut Microbiota and Immune System Interactions in Infectious Diseases, Immunopathology, and Cancer. <i>Frontiers in Immunology</i> , 2018, 9, 1830.	2.2	371
32	Dysregulated bile acid synthesis and dysbiosis are implicated in Western diet-induced systemic inflammation, microglial activation, and reduced neuroplasticity. <i>FASEB Journal</i> , 2018, 32, 2866-2877.	0.2	86
33	Of Microbes and Minds: A Narrative Review on the Second Brain Aging. <i>Frontiers in Medicine</i> , 2018, 5, 53.	1.2	71
34	Infection of Fungi and Bacteria in Brain Tissue From Elderly Persons and Patients With Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 159.	1.7	125
35	Dietary arachidonic acid: a Janus face actor in brain and Alzheimer's disease?. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2018, 25, D406.	0.6	4
36	Can an Infection Hypothesis Explain the Beta Amyloid Hypothesis of Alzheimer's Disease?. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 224.	1.7	155

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37	Impact of gut microbiota on neurological diseases: Diet composition and novel treatments. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 3102-3116.	5.4	68
38	Fecal microbiota transplantation alleviated Alzheimer's disease-like pathogenesis in APP/PS1 transgenic mice. <i>Translational Psychiatry</i> , 2019, 9, 189.	2.4	287
39	An In Vitro Batch-culture Model to Estimate the Effects of Interventional Regimens on Human Fecal Microbiota. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	8
40	Multidisciplinary and Comparative Investigations of Potential Psychobiotic Effects of Lactobacillus Strains Isolated From Newborns and Their Impact on Gut Microbiota and Ileal Transcriptome in a Healthy Murine Model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 269.	1.8	18
41	Mild cognitive impairment has similar alterations as Alzheimer's disease in gut microbiota. <i>Alzheimer's and Dementia</i> , 2019, 15, 1357-1366.	0.4	281
42	Physical Exercise Inhibits Inflammation and Microglial Activation. <i>Cells</i> , 2019, 8, 691.	1.8	132
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44	Simultaneous quantitative analysis of multiple sphingoid bases by stable isotope labeling assisted liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1082, 106-115.	2.6	6
45	Photobiomodulation for Alzheimer's Disease: Has the Light Dawned?. <i>Photonics</i> , 2019, 6, 77.	0.9	80
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47	Commentary: Does Severity of Alzheimer's Disease Contribute to Its Responsiveness to Modifying Gut Microbiota? A Double Blind Clinical Trial. <i>Frontiers in Neurology</i> , 2019, 10, 667.	1.1	5
48	Diet and Alzheimer's dementia – Nutritional approach to modulate inflammation. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 184, 172743.	1.3	68
49	The Role of Gut Microbiota in Gastrointestinal Symptoms of Children with ASD. <i>Medicina (Lithuania)</i> , 2019, 55, 408.	0.8	36
50	Associations of dietary choline intake with risk of incident dementia and with cognitive performance: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1416-1423.	2.2	56
51	The Gut-Brain Axis in Neurodegenerative Diseases and Relevance of the Canine Model: A Review. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 130.	1.7	76
52	“Photobiomics”: Can Light, Including Photobiomodulation, Alter the Microbiome?. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 681-693.	0.7	44
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57	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	13.1	2,304
58	Is Innate Memory a Double-Edge Sword in Alzheimer's Disease? A Reappraisal of New Concepts and Old Data. <i>Frontiers in Immunology</i> , 2019, 10, 1768.	2.2	20
59	Crosstalk Between the Gut Microbiota and the Brain: An Update on Neuroimaging Findings. <i>Frontiers in Neurology</i> , 2019, 10, 883.	1.1	38
60	Publication Trends for Alzheimer's Disease Worldwide and in China: A 30-Year Bibliometric Analysis. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 259.	1.0	40
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62	Time to test antibacterial therapy in Alzheimer's disease. <i>Brain</i> , 2019, 142, 2905-2929.	3.7	89
63	Distinct Gut Microbiota Composition and Functional Category in Children With Cerebral Palsy and Epilepsy. <i>Frontiers in Pediatrics</i> , 2019, 7, 394.	0.9	46
64	Use of ozone in water, agriculture and zootechnics: relationships between dysbiosis and mental disorders. <i>Ozone Therapy</i> , 2019, 4, .	0.7	4
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67	Analysis of the relationship between the gut microbiome and dementia: a cross-sectional study conducted in Japan. <i>Scientific Reports</i> , 2019, 9, 1008.	1.6	138
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69	Fast and highly selective separation of His-tagged proteins by Ni <sup>2+</sup> -carrying magnetic core-shell nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	9
70	Distinct Impacts of Fullerene on Cognitive Functions of Dementia vs. Non-dementia Mice. <i>Neurotoxicity Research</i> , 2019, 36, 736-745.	1.3	5
71	Regulation of gut microbiota in Alzheimer's disease mice by silibinin and silymarin and their pharmacological implications. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 7141-7149.	1.7	40
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79	Structural and functional analyses of glycoside hydrolase 138 enzymes targeting chain A galacturonic acid in the complex pectin rhamnogalacturonan II. <i>Journal of Biological Chemistry</i> , 2019, 294, 7711-7721.	1.6	12
80	Editors' note: Pattern of polyphenol intake and the long-term risk of dementia in older persons. <i>Neurology</i> , 2019, 92, 493-493.	1.5	0
82	Reader response: Pattern of polyphenol intake and the long-term risk of dementia in older persons. <i>Neurology</i> , 2019, 92, 493.2-493.	1.5	0
83	Indirubin-3-monoxime prevents aberrant activation of GSK-3 $\beta$ /NF- $\kappa$ B and alleviates high fat-high fructose induced A $\beta$ -aggregation, gliosis and apoptosis in mice brain. <i>International Immunopharmacology</i> , 2019, 70, 396-407.	1.7	19
84	Reader response: Lymphoplasmacyte-rich meningioma involving the whole intracranial dura mater. <i>Neurology</i> , 2019, 92, 494-494.	1.5	0
85	Editors' note: Lymphoplasmacyte-rich meningioma involving the whole intracranial dura mater. <i>Neurology</i> , 2019, 92, 494-494.	1.5	0
86	Author response: Lymphoplasmacyte-rich meningioma involving the whole intracranial dura mater. <i>Neurology</i> , 2019, 92, 495.1-495.	1.5	0
87	Stable isotope labeling combined with liquid chromatography-tandem mass spectrometry for comprehensive analysis of short-chain fatty acids. <i>Analytica Chimica Acta</i> , 2019, 1070, 51-59.	2.6	43
88	The Effects of Vegetarian and Vegan Diets on Gut Microbiota. <i>Frontiers in Nutrition</i> , 2019, 6, 47.	1.6	389
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90	Fructooligosaccharides Ameliorating Cognitive Deficits and Neurodegeneration in APP/PS1 Transgenic Mice through Modulating Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3006-3017.	2.4	86
91	Influence of Gut Microbiota on Behavior and Its Disturbances. , 0, , .		7

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103	Beneficial microbiota. Probiotics and pharmaceutical products in functional nutrition and medicine. Microbes and Infection, 2020, 22, 8-18.	1.0	43
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111	Silymarin and neurodegenerative diseases: Therapeutic potential and basic molecular mechanisms. Phytomedicine, 2020, 79, 153320.	2.3	26
112	&lt;p&gt;Effects of Co-Administration of Icariaïn and &lt;em&gt;Panax notoginseng&lt;/em&gt; Saponins on Intestinal Microbiota and Hippocampal Protein Expression in a Mouse Model of Alzheimerâ€™s Disease&lt;/p&gt;. Neuropsychiatric Disease and Treatment, 2020, Volume 16, 2169-2179.	1.0	10
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116	Accelerated Amyloid Beta Pathogenesis by Bacterial Amyloid FapC. Advanced Science, 2020, 7, 2001299.	5.6	47
117	Molecular and cellular mechanisms underlying the pathogenesis of Alzheimerâ€™s disease. Molecular Neurodegeneration, 2020, 15, 40.	4.4	438
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127	Role of Sirtuins in Modulating Neurodegeneration of the Enteric Nervous System and Central Nervous System. Frontiers in Neuroscience, 2020, 14, 614331.	1.4	34



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128	High Salt Elicits Brain Inflammation and Cognitive Dysfunction, Accompanied by Alternations in the Gut Microbiota and Decreased SCFA Production. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 629-640.	1.2	42
129	Antibiotics impair immune checkpoint inhibitor effectiveness in Hispanic patients with non-small cell lung cancer (<sc>ABâ€œCLICaP</sc>). <i>Thoracic Cancer</i> , 2020, 11, 2552-2560.	0.8	12
130	Should drug discovery scientists still embrace the amyloid hypothesis for Alzheimerâ€™s disease or should they be looking elsewhere?. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 1241-1251.	2.5	15
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133	Functional Foods: An Approach to Modulate Molecular Mechanisms of Alzheimerâ€™s Disease. <i>Cells</i> , 2020, 9, 2347.	1.8	33
134	Neonatal intestinal dysbiosis. <i>Journal of Perinatology</i> , 2020, 40, 1597-1608.	0.9	43
136	Environmental Nanoparticles, SARS-CoV-2 Brain Involvement, and Potential Acceleration of Alzheimerâ€™s and Parkinsonâ€™s Diseases in Young Urbanites Exposed to Air Pollution. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 479-503.	1.2	28
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138	Therapeutic, Prophylactic, and Functional Use of Probiotics: A Current Perspective. <i>Frontiers in Microbiology</i> , 2020, 11, 562048.	1.5	52
139	Target Dysbiosis of Gut Microbes as a Future Therapeutic Manipulation in Alzheimerâ€™s Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 544235.	1.7	38
140	Human genetic determinants of the gut microbiome and their associations with health and disease: a phenome-wide association study. <i>Scientific Reports</i> , 2020, 10, 14771.	1.6	20
141	Gut Metabolite TMAO Induces Synaptic Plasticity Deficits by Promoting Endoplasmic Reticulum Stress. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 138.	1.4	57
142	SAMP8 Mice as a Model of Age-Related Cognition Decline with Underlying Mechanisms in Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 385-395.	1.2	67
143	Prodromal Intestinal Events in Alzheimerâ€™s Disease (AD): Colonic Dysmotility and Inflammation Are Associated with Enteric AD-Related Protein Deposition. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3523.	1.8	24
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145	Ketone production by ketogenic diet and by intermittent fasting has different effects on the gut microbiota and disease progression in an Alzheimerâ€™s disease rat model. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020, 67, 188-198.	0.6	49
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149	A prospective longitudinal study on the microbiota composition in amyotrophic lateral sclerosis. BMC Medicine, 2020, 18, 153.	2.3	78
150	Chemical Toolbox to Decode the Microbiota Lexicon. Chemistry - an Asian Journal, 2020, 15, 2117-2128.	1.7	4
151	Gut-Brain Axis: Focus on Neurodegeneration and Mast Cells. Applied Sciences (Switzerland), 2020, 10, 1828.	1.3	17
152	Inflammation in Neurological Disorders: The Thin Boundary Between Brain and Periphery. Antioxidants and Redox Signaling, 2020, 33, 191-210.	2.5	68
153	Dysregulated Gut Homeostasis Observed Prior to the Accumulation of the Brain Amyloid- $\beta^2$ in Tg2576 Mice. International Journal of Molecular Sciences, 2020, 21, 1711.	1.8	75
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157	Effects of air pollution on the nervous system and its possible role in neurodevelopmental and neurodegenerative disorders. , 2020, 210, 107523.		206
158	Inflammation: A Major Target for Compounds to Control Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 76, 1199-1213.	1.2	26
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