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Gut-Microbiota-Brain Axis and Its Effect on Neuropsychiatric Disorders With Suspected Immune Dysreg

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369	Editorial overview: Immunomodulation: Exploiting the circle between emotions and immunity: impact on pharmacological treatments. <b>2016</b> , 29, viii-xii	3
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207	The Lovebug Effect: Is the human biophilic drive influenced by interactions between the host, the environment, and the microbiome?. <b>2020</b> , 720, 137626		13
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202	IL-38 inhibits microglial inflammatory mediators and is decreased in amygdala of children with autism spectrum disorder. <b>2020</b> , 117, 16475-16480		13
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196	Neuropeptides in gut-brain axis and their influence on host immunity and stress. <b>2020</b> , 18, 843-851		22
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181	Dysbiosis and Alzheimer's Disease: Cause or Treatment Opportunity?. <b>2021</b> , 1	8
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179	Potential beneficial effects of Bifidobacterium breve A1 on cognitive impairment and psychiatric disorders. <b>2021</b> , 497-504	
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174	The Therapeutic Mechanisms of Gut Microbiota Regulated by Traditional Chinese Medicines for Obesity Epidemic. <b>2021</b> , 10, 203-208	
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166	Age-related cognitive decline is associated with microbiota-gut-brain axis disorders and neuroinflammation in mice. <b>2021</b> , 402, 113125		9
165	Effects of delivery mode on behavior in mouse offspring. <b>2021</b> , 230, 113285		1
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152	Gut microbiota mediates cognitive impairment in young mice after multiple neonatal exposures to sevoflurane. <b>2021</b> , 13, 16733-16748		1
151	Searching for host immune-microbiome mechanisms in obsessive-compulsive disorder: A narrative literature review and future directions. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 125, 517-534	9	1
150	Chronic Stress-Induced Depression and Anxiety Priming Modulated by Gut-Brain-Axis Immunity. <b>2021</b> , 12, 670500		5
149	Bidirectional communication between mast cells and the gut-brain axis in neurodegenerative diseases: Avenues for therapeutic intervention. <b>2021</b> , 172, 61-78		6
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147	Role of microbes in the pathogenesis of neuropsychiatric disorders. <b>2021</b> , 62, 100917		1
146	The brain-gut axis in gastrointestinal cancers. <b>2021</b> , 12, S301-S310		Ο
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143	Effect of Chaihu-jia-Longgu-Muli decoction on withdrawal symptoms in rats with methamphetamine-induced conditioned place preference. <b>2021</b> , 41,		2
142	Gut microbiota and probiotic therapy in ADHD: A review of current knowledge. 2021, 110, 110277		7
141	Ba <del>E</del> sak-Beyin Eksenine Biyokimyasal Bak⊞ <b>2021</b> , 30, 137-143		O
140	Inflammation, Anxiety, and Stress in Attention-Deficit/Hyperactivity Disorder. 2021, 9,		4
139	Bacterial Translocation Associates With Aggression in Schizophrenia Inpatients. <b>2021</b> , 15, 704069		Ο
138	Gut microbiota and neuropsychiatric disorders: Implications for neuroendocrine-immune regulation. <b>2021</b> , 173, 105909		1
137	The Role of Gut Microbiota in Circadian Stress. <b>2022</b> , 238-238		

136	The interaction between tea polyphenols and host intestinal microorganisms: an effective way to prevent psychiatric disorders. <i>Food and Function</i> , <b>2021</b> , 12, 952-962	9
135	Dysbiosis, Small Intestinal Bacterial Overgrowth, and Chronic Diseases. <b>2021</b> , 334-362	О
134	Immunoregulation and antidepressant effect of ketamine. <b>2021</b> , 12, 218-236	4
133	Luteolin, inflammation and cancer: Special emphasis on gut microbiota. <b>2021</b> , 47, 181-189	13
132	Microbiota-Gut-Brain Axis. <b>2021</b> , 423-423	
131	Dysregulated metabolism and behaviors by disrupting gut microbiota in prenatal and neonatal mice. <b>2021</b> , 92, e13566	О
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129	Integration of Biomedical and Psychosocial Issues in Pediatric Functional Gastrointestinal and Motility Disorders. <b>2017</b> , 71-80	1
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124	Role of the brain-gut axis in gastrointestinal cancer. <b>2019</b> , 7, 1554-1570	9
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119	Abnormal gut microbiota composition contributes to cognitive dysfunction in streptozotocin-induced diabetic mice. <b>2019</b> , 11, 3262-3279	33

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116	Nutritional intervention as an essential part of multiple sclerosis treatment?. 2018, 67, 521-533		8
115	Mast cell-mediated neuroinflammation may have a role in attention deficit hyperactivity disorder (Review). <b>2020</b> , 20, 714-726		8
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113	Gut-Brain Axis and its Neuro-Psychiatric Effects: A Narrative Review. <b>2020</b> , 12, e11131		4
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111	The immune system and autism spectrum disorder: association and therapeutic challenges. <b>2021</b> , 81, 249-263		1
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109	Drugs and Bugs: The Gut-Brain Axis and Substance Use Disorders. <b>2021</b> , 1		2
108	The Role of the Human Gutome on Chronic Disease. <b>2021</b> , 4, 103-116		О
107	Psychosocial Issues in Intestinal Transplantation. <b>2017</b> , 1-17		
106	Autism Spectrum Disorder, Fear Response, and Environmental Exposures. <b>2019</b> , 30-51		1
105	Psychosocial Issues in Intestinal Transplantation. <b>2019</b> , 397-413		
104	Anxiety, Stress, and Neurological Dysfunction: From Basic Biology to Present Therapeutic Interventions. <b>2019</b> , 401-413		
103	The regularity and mechanism on immune response of psychosocial stress. <b>2019</b> , 27, 821		
102	Regulation of Vaginal Microbiome by Nitric Oxide. <b>2019</b> , 20, 17-31		1
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98	Obesity: The Crossroads of Opinion, Knowledge, and Opportunity. <b>2020</b> , 108-120		2
97	Comparative metagenomic analysis following treatment with vancomycin in C57BL/6 and BALB/c mice to elucidate host immunity and behavior.		O
96	OBESITY: CLINICAL AND PATHOGENETIC JUSTIFICATION OF PREVENTION AND TREATMENT. 2020, 5-1	0	
95	Vitamin A Deficiency Exacerbates Gut Microbiota Dysbiosis and Cognitive Deficits in Amyloid Precursor Protein/Presenilin 1 Transgenic Mice. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 753351	5.3	3
94	The Microbiome and Brain Health. <b>2020</b> , 391-406		
93	Clinical and pathogenetic rationale for the prevention and treatment of obesity. <b>2020</b> , 2020, 146-152		
92	The Effect of Probiotic Intervention in Ameliorating the Altered Central Nervous System Functions in Neurological Disorders: A Review. <b>2020</b> , 14, 18-29		2
91	The Microbiota-Gut-Brain Axis During Heat Stress in Chickens: A Review. <b>2021</b> , 12, 752265		2
90	The role of the host microbiome in autism and neurodegenerative disorders and effect of epigenetic procedures in the brain functions. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 132, 998-99	8	3
89	An Overview on Probiotics as an Alternative Strategy for Prevention and Treatment of Human Diseases. <b>2019</b> , 18, 31-50		1
88	Kawasaki disease in childhood and psychiatric disorders: A population-based case-control prospective study in Taiwan. <b>2021</b> , 100, 105-111		2
87	Correlation between Gut Microbiota and Six Facets of Neuroticism in Korean Adults <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	O
86	Mast cell activation may explain many cases of chemical intolerance. <i>Environmental Sciences Europe</i> , <b>2021</b> , 33,	5	2
85	Age-dependent disregulation of the immune response in humans. <i>Medical Immunology (Russia</i> ), <b>2021</b> , 23, 1005-1016	0.5	
84	Neuroinflammatory remodeling of the anterior cingulate cortex as a key driver of mood disorders in gastrointestinal disease and disorders <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 133, 104497-10	04497	4
83	Antimutagenic Activity as a Criterion of Potential Probiotic Properties <i>Probiotics and Antimicrobial Proteins</i> , <b>2022</b> , 1	5.5	2

82	DMDL 9010 alleviates dextran sodium sulfate (DSS)-induced colitis and behavioral disorders by facilitating microbiota-gut-brain axis balance <i>Food and Function</i> , <b>2021</b> ,	6.1	0
81	Targeting NF- <b>B</b> pathway by dietary lignans in inflammation: expanding roles of gut microbiota and metabolites <i>Critical Reviews in Food Science and Nutrition</i> , <b>2022</b> , 1-17	11.5	O
80	The Efficacy of Fecal Transplantation and Bifidobacterium Supplementation in Ameliorating Propionic Acid-Induced Behavioral and Biochemical Autistic Features in Juvenile Male Rats <i>Journal of Molecular Neuroscience</i> , <b>2022</b> , 72, 372	3.3	3
79	Gut Microbiota Metabolites in Major Depressive Disorder-Deep Insights into Their Pathophysiological Role and Potential Translational Applications <i>Metabolites</i> , <b>2022</b> , 12,	5.6	7
78	Innovations in preservation and improving functional properties of kefir. 2022, 225-234		
77	Gut Dysbiosis in Insomnia and Diurnal Cycle. <b>2022</b> , 179-209		
76	Gut Microbiome Composition Linked to Inflammatory Factors and Cognitive Functions in First-Episode, Drug-Naive Major Depressive Disorder Patients <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 8007	7 <i>6</i> 4 <sup>1</sup>	1
75	Ancestral Food Sources Rich in Polyphenols, Their Metabolism, and the Potential Influence of Gut Microbiota in the Management of Depression and Anxiety <i>Journal of Agricultural and Food Chemistry</i> , <b>2022</b> ,	5.7	3
74	Gut Microbiota Alteration Is Associated With Cognitive Deficits in Genetically Diabetic (Db/db) Mice During Aging <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 815562	5.3	1
73	Therapeutic Interventions of Gut-Brain Axis as Novel Strategies for Treatment of Alcohol Use Disorder Associated Cognitive and Mood Dysfunction <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 820106	5.1	О
72	Psychobiotic Therapy: Method to Reinforce the Immune System <i>Clinical Psychopharmacology and Neuroscience</i> , <b>2022</b> , 20, 17-25	3.4	3
71	Alterations of Regional Homogeneity in Crohn's Disease With Psychological Disorders: A Resting-State fMRI Study <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 817556	4.1	
70	The "Connectivome Theory": A New Model to Understand Autism Spectrum Disorders <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 794516	5	0
69	The microbiota-gut-brain axis and epilepsy from a multidisciplinary perspective: clinical evidence and technological solutions for improvement of in vitro preclinical models. <i>Bioengineering and Translational Medicine</i> ,	14.8	1
68	Psychobiotics in Health, Longevity, and Neurological Disorders. <b>2022</b> , 17-60		0
67	Gut microbiota and plasma cytokine levels in patients with attention-deficit/hyperactivity disorder <i>Translational Psychiatry</i> , <b>2022</b> , 12, 76	8.6	1
66	Alterations in Gut Microbiota Are Correlated With Serum Metabolites in Patients With Insomnia Disorder <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 722662	5.9	2
65	Qinglong Zhidong Decoction Alleviated Tourette Syndrome in Mice Modulating the Level of Neurotransmitters and the Composition of Gut Microbiota <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 81987	2 <sup>5.6</sup>	

64	Drug Metabolism for the Identification of Clinical Biomarkers in Breast Cancer <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	
63	The Ketogenic Diet in the Treatment of Schizophrenia. <b>2022</b> , 229-244		
62	Analysis of Faecal Microbiota and Small ncRNAs in Autism: Detection of miRNAs and piRNAs with Possible Implications in Host-Gut Microbiota Cross-Talk <i>Nutrients</i> , <b>2022</b> , 14,	6.7	0
61	Disrupted long-range gene regulations elucidate shared tissue-specific mechanisms of neuropsychiatric disorders <i>Molecular Psychiatry</i> , <b>2022</b> ,	15.1	
60	Effect of dendrobium mixture in alleviating diabetic cognitive impairment associated with regulating gut microbiota <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 149, 112891	7.5	O
59	Psiconeuroinmunoendocrinologa de la Respuesta al Estra, el Ciclo Circadiano y la Microbiota en la Artritis Reumatoide. <i>Revista Colombiana De Psiquiatr</i> a, <b>2021</b> ,	0.8	
58	An In Vitro Approach to Studying the Microbial Community and Impact of Pre and Probiotics under Anorexia Nervosa Related Dietary Restrictions <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
57	Intersection of Epigenetic and Immune Alterations: Implications for Fetal Alcohol Spectrum Disorder and Mental Health <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 788630	5.1	2
56	The Role of the Gut Microbiota and Microbial Metabolites in the Pathogenesis of Alzheimer's Disease CNS and Neurological Disorders - Drug Targets, <b>2022</b> ,	2.6	0
55	Combination Therapy in Alzheimer's Disease: Is It Time?. Journal of Alzheimer's Disease, 2022,	4.3	O
54	The Chemo-Gut Pilot Study: Associations between Gut Microbiota, Gastrointestinal Symptoms, and Psychosocial Health Outcomes in a Cross-Sectional Sample of Young Adult Cancer Survivors. <i>Current Oncology</i> , <b>2022</b> , 29, 2973-2994	2.8	5
53	Inflammatory Cytokines, but Not Dietary Patterns, Are Related to Somatic Symptoms of Depression in a Sample of Women. <i>Frontiers in Psychiatry</i> , <b>2022</b> , 13,	5	O
52	Importance of crosstalk between the microbiota and the neuroimmune system for tissue homeostasis. <i>Clinical and Translational Immunology</i> , <b>2022</b> , 11,	6.8	1
51	The Gut Microbiota-Brain Axis: A New Frontier on Neuropsychiatric Disorders. <i>Frontiers in Psychiatry</i> , <b>2022</b> , 13,	5	O
50	Nutrigenomics and Neurodevelopmental Disorders. <b>2022</b> , 79-94		
49	The Intervention of Prebiotics on Depression via the Gut <b>B</b> rain Axis. <i>Molecules</i> , <b>2022</b> , 27, 3671	4.8	1
48	Involvement of the Intestinal Microbiota in the Appearance of Multiple Sclerosis: Aloe vera and Citrus bergamia as Potential Candidates for Intestinal Health. <i>Nutrients</i> , <b>2022</b> , 14, 2711	6.7	0
47	Human microbiome and neurological disorders. <b>2022</b> , 127-138		

46	Gastrointestinal tract-based implicit measures for cognition, emotion and behavior. 4,	O
45	Anxiety and Depression: What Do We Know of Neuropeptides?. <b>2022</b> , 12, 262	2
44	Gut-brain communication in COVID-19: molecular mechanisms, mediators, biomarkers, and therapeutics. <b>2022</b> , 18, 947-960	O
43	Extremely small and incredibly close: Gut microbes as modulators of inflammation and targets for therapeutic intervention. 13,	
42	Therapeutic approaches to colorectal cancer via strategies based on modulation of gut microbiota. 13,	1
41	Autism: genetics, environmental stressors, maternal immune activation, and the male bias in autism.	
40	Targeting cancer cachexia: Molecular mechanisms and clinical study. 2022, 3,	1
39	Systems to model the personalized aspects of microbiome health and gut dysbiosis. 2022, 101115	O
38	Poor body condition is associated with lower hippocampal plasticity and higher gut methanogen abundance in adult laying hens from two housing systems. <b>2022</b> , 12,	0
37	Effects of Three Feed Additives on the Culturable Microbiota Composition and Histology of the Anterior and Posterior Intestines of Zebrafish (Danio rerio). <b>2022</b> , 12, 2424	O
36	Research gaps and opportunities in precision nutrition: an NIH workshop report.	0
35	Altered gut microbiota and its metabolites correlate with plasma cytokines in schizophrenia inpatients with aggression. <b>2022</b> , 22,	O
34	Neferine alleviates chronic stress-induced depression by regulating monoamine neurotransmitter secretion and gut microbiota structure. 13,	O
33	Alcohol use disorder, neuroinflammation, and intake of dietary fibers: a new approach for treatment. 1-7	O
32	Editorial: Neuroinflammation, metabolism, and psychiatric disorders. 13,	O
31	Depression and fatigue in active IBD from a microbiome perspective Bayesian approach to faecal metagenomics. <b>2022</b> , 20,	O
30	The Interaction of Gut Microbiota-brain Axis in Relation to Human Health with the Use of Animal Models.	O
29	Sickness Symptoms in Kidney Transplant Recipients: A Scoping Review. 019394592211281	О

28	Bacteriophages allow selective depletion of gut bacteria to produce a targeted-bacterium-depleted mouse model. <b>2022</b> , 100324	O
27	Impacts of breast cancer and chemotherapy on gut microbiome, cognitive functioning, and mood relative to healthy controls. <b>2022</b> , 12,	O
26	Meconium Microbiota Composition and Association with Birth Delivery Mode. 2022, 2022, 1-18	1
25	The Role of the Human Gutome on Chronic Disease. <b>2022</b> , 42, 627-643	O
24	Structure-specific antitumor effects and potential gut microbiota involved mechanisms of ginseng polysaccharides on B16F10 melanoma-bearing mice.	0
23	Effects of early postnatal life nutritional interventions on immune-microbiome interactions in the gastrointestinal tract and implications for brain development and function. 13,	O
22	Antidepressive Effect of Natural Products and Their Derivatives Targeting BDNF-TrkB in Gut <b>B</b> rain Axis. <b>2022</b> , 23, 14968	0
21	Immune Impairment Associated with Vitamin A Deficiency: Insights from Clinical Studies and Animal Model Research. <b>2022</b> , 14, 5038	1
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