

Bringing the Dynamic Microbiome to Life with Animati

Cell Host and Microbe

21, 7-10

DOI: [10.1016/j.chom.2016.12.009](https://doi.org/10.1016/j.chom.2016.12.009)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Impacts of the Human Gut Microbiome on Therapeutics. Annual Review of Pharmacology and Toxicology, 2018, 58, 253-270.	4.2	74
2	Assessing Metagenomic Signals Recovered from Lyuba, a 42,000-Year-Old Permafrost-Preserved Woolly Mammoth Calf. Genes, 2018, 9, 436.	1.0	30
3	Differential Activation of Hepatic Invariant NKT Cell Subsets Plays a Key Role in Progression of Nonalcoholic Steatohepatitis. Journal of Immunology, 2018, 201, 3017-3035.	0.4	69
4	American Gut: an Open Platform for Citizen Science Microbiome Research. MSystems, 2018, 3, .	1.7	604
5	The Plant Microbiome: Diversity, Dynamics, and Role in Food Safety. , 2019, , 229-257.		5
6	Angiosperm to Gymnosperm host-plant switch entails shifts in microbiota of the <i>Welwitschia</i> bug, <i>Probergrothius angolensis</i> (Distant, 1902). Molecular Ecology, 2019, 28, 5172-5187.	2.0	20
7	New and Preliminary Evidence on Altered Oral and Gut Microbiota in Individuals with Autism Spectrum Disorder (ASD): Implications for ASD Diagnosis and Subtyping Based on Microbial Biomarkers. Nutrients, 2019, 11, 2128.	1.7	87
8	Elucidating the ecological networks in stone-dwelling microbiomes. Environmental Microbiology, 2020, 22, 1467-1480.	1.8	38
9	The Challenges of Reconstructing Tropical Biodiversity With Sedimentary Ancient DNA: A 2200-Year-Long Metagenomic Record From Bwindi Impenetrable Forest, Uganda. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	23
10	Microbiota profile and efficacy of probiotic supplementation on laxation in adults affected by Prader-Willi Syndrome: A randomized, double-blind, crossover trial. Molecular Genetics & Genomic Medicine, 2020, 8, e1535.	0.6	10
11	Sleeve gastrectomy prevents hypertension associated with unique shifts in the gut microbiome. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 5461-5467.	1.3	5
12	The <i>Anopheles coluzzii</i> microbiome and its interaction with the intracellular parasite <i>Wolbachia</i> . Scientific Reports, 2020, 10, 13847.	1.6	21
13	Impact and consequences of intensive chemotherapy on intestinal barrier and microbiota in acute myeloid leukemia: the role of mucosal strengthening. Gut Microbes, 2020, 12, 1800897.	4.3	38
14	Gut Microbiome Critically Impacts PCB-induced Changes in Metabolic Fingerprints and the Hepatic Transcriptome in Mice. Toxicological Sciences, 2020, 177, 168-187.	1.4	19
15	Microbiota Stability and Gastrointestinal Tolerance in Response to a High-Protein Diet with and without a Prebiotic, Probiotic, and Synbiotic: A Randomized, Double-Blind, Placebo-Controlled Trial in Older Women. Journal of the Academy of Nutrition and Dietetics, 2020, 120, 500-516.e10.	0.4	39
16	The Human Oral Microbiome in Health and Disease: From Sequences to Ecosystems. Microorganisms, 2020, 8, 308.	1.6	231
17	Atlantic Salmon (<i>Salmo salar</i> L., 1758) Gut Microbiota Profile Correlates with Flesh Pigmentation: Cause or Effect?. Marine Biotechnology, 2020, 22, 786-804.	1.1	24
18	Psychrotrophic violacein-producing bacteria isolated from Lake Winnipeg, Canada. Journal of Great Lakes Research, 2021, 47, 715-724.	0.8	10

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19	Quantitative profiling of built environment bacterial and fungal communities reveals dynamic material dependent growth patterns and microbial interactions. <i>Indoor Air</i> , 2021, 31, 188-205.	2.0	10
20	Characterization of the bacterial microbiomes of social amoebae and exploration of the roles of host and environment on microbiome composition. <i>Environmental Microbiology</i> , 2021, 23, 126-142.	1.8	14
21	Metagenome Across a Geochemical Gradient of Indian Stone Ruins Found at Historic Sites in Tamil Nadu, India. <i>Microbial Ecology</i> , 2021, 81, 385-395.	1.4	15
22	Gut microbiome is affected by inter-sexual and inter-seasonal variation in diet for thick-billed murres (<i>Uria lomvia</i>). <i>Scientific Reports</i> , 2021, 11, 1200.	1.6	40
23	Adults with Prader-Willi syndrome exhibit a unique microbiota profile. <i>BMC Research Notes</i> , 2021, 14, 51.	0.6	4
24	Targeting the Kaposi's sarcoma-associated herpesvirus genome with the CRISPR-Cas9 platform in latently infected cells. <i>Virology Journal</i> , 2021, 18, 56.	1.4	5
25	Nutraceuticals Induced Changes in the Broiler Gastrointestinal Tract Microbiota. <i>MSystems</i> , 2021, 6, .	1.7	10
26	Effects of phytonutrient-supplemented diets on the intestinal microbiota of <i>Cyprinus carpio</i> . <i>PLoS ONE</i> , 2021, 16, e0248537.	1.1	10
27	EMPress Enables Tree-Guided, Interactive, and Exploratory Analyses of Multi-omic Data Sets. <i>MSystems</i> , 2021, 6, .	1.7	36
30	Characterization of the cutaneous mycobiota in Persian cats with severe dermatophytosis. <i>Veterinary Dermatology</i> , 2021, 32, 319.	0.4	1
31	Association of aerobic anoxygenic phototrophs and zebra mussels, <i>Dreissena polymorpha</i> , within the littoral zone of Lake Winnipeg. <i>Journal of Great Lakes Research</i> , 2021, 47, 567-582.	0.8	8
32	Longitudinal Changes in Diet Cause Repeatable and Largely Reversible Shifts in Gut Microbial Communities of Laboratory Mice and Are Observed across Segments of the Entire Intestinal Tract. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5981.	1.8	10
33	Gut Microbiota Regulates the Interaction between Diet and Genetics to Influence Glucose Tolerance. <i>Medicines (Basel, Switzerland)</i> , 2021, 8, 34.	0.7	4
34	Maternal cecal microbiota transfer rescues early-life antibiotic-induced enhancement of type 1 diabetes in mice. <i>Cell Host and Microbe</i> , 2021, 29, 1249-1265.e9.	5.1	32
35	A Pilot Study of Microbial Succession in Human Rib Skeletal Remains during Terrestrial Decomposition. <i>MSphere</i> , 2021, 6, e0045521.	1.3	12
36	Tetracycline Exposure Alters Key Gut Microbiota in Africanized Honey Bees (<i>Apis mellifera scutellata</i> x <i>T. ETQq1</i>). <i>10.784314 rgBT /Over</i>	1.1	12
37	Characterization of the blood microbiota in children with Celiac disease. <i>Current Research in Microbial Sciences</i> , 2021, 2, 100069.	1.4	0
38	Fecal microbiota composition associates with the capacity of human peripheral blood monocytes to differentiate into immunogenic dendritic cells <i>in vitro</i> . <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	9

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41	Retinoic Acid Signaling Modulates Recipient Gut Barrier Integrity and Microbiota After Allogeneic Hematopoietic Stem Cell Transplantation in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 749002.	2.2	5
42	ESNMF: Evolutionary Symmetric Nonnegative Matrix Factorization for Dissecting Dynamic Microbial Networks. <i>Lecture Notes in Computer Science</i> , 2018, , 7-18.	1.0	0
43	AMDB: a database of animal gut microbial communities with manually curated metadata. <i>Nucleic Acids Research</i> , 2022, 50, D729-D735.	6.5	11
45	Anti-Hyperglycemic Effects of Refined Fractions from <i>Cyclocarya paliurus</i> Leaves on Streptozotocin-Induced Diabetic Mice. <i>Molecules</i> , 2021, 26, 6886.	1.7	9
46	Genetic differentiation of predominant mosquito species in Hainan province and characterization of mosquito midgut microbiota. , 2021, 1, 37.		0
47	Gut Microbiota Regulates the Interplay between Diet and Genetics to Influence Glucose Tolerance â€¦ , 2020, 61, .		0
48	Gut microbiota and metabolic changes towards improved gut health with supplementation of <i>Woodfordia fruticosa</i> , a medicinal plant: An in vitro study. <i>Innovative Food Science and Emerging Technologies</i> , 2022, 75, 102896.	2.7	0
49	Applications and Comparison of Dimensionality Reduction Methods for Microbiome Data. <i>Frontiers in Bioinformatics</i> , 2022, 2, .	1.0	10
77	Optimizing UniFrac with OpenACC Yields Greater Than One Thousand Times Speed Increase. <i>MSystems</i> , 2022, 7, .	1.7	2
78	The live bacterial load and microbiota composition of prepacked â€œready-to-eatâ€ leafy greens during household conditions, with special reference to <i>E. coli</i> . <i>International Journal of Food Microbiology</i> , 2022, 377, 109786.	2.1	1
79	Host Age Prediction from Fecal Microbiota Composition in Male C57BL/6J Mice. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	7
80	A single, peri-operative antibiotic can persistently alter the post-operative gut microbiome after Roux-en-Y gastric bypass. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2023, 37, 1476-1486.	1.3	1
81	Seasonal Dynamics of Lake Winnipegâ€™s Microbial Communities Reveal Aerobic Anoxygenic Phototrophic Populations Coincide with Sunlight Availability. <i>Microorganisms</i> , 2022, 10, 1690.	1.6	2
82	Cecal microbiota of feedlot cattle fed a four-species <i>Bacillus</i> supplement. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	4
83	Topical Glaucoma Therapy Is Associated With Alterations of the Ocular Surface Microbiome. , 2022, 63, 32.		9
86	Allium-Derived Compound Propyl Propane Thiosulfonate (PTSO) Reduces <i>Vibrio</i> Populations and Increases Body Weight of European Seabass (<i>Dicentrarchus labrax</i>) Juveniles. <i>Antibiotics</i> , 2023, 12, 134.	1.5	1
87	Prophylactic Effect of Bovine Colostrum on Intestinal Microbiota and Behavior in Wild-Type and Zonulin Transgenic Mice. <i>Biomedicines</i> , 2023, 11, 91.	1.4	5
88	Acute appendicitis manifests as two microbiome state types with oral pathogens influencing severity. <i>Gut Microbes</i> , 2023, 15, .	4.3	5

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89	Effects of Consuming Fermented Fish (Surströmming) on the Fecal Microflora in Healthy Individuals. Journal of Medicinal Food, 2023, 26, 185-192.	0.8	0
91	Mucin glycans drive oral microbial community composition and function. Npj Biofilms and Microbiomes, 2023, 9, .	2.9	6