Resource Summary Report

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MicrobiomeAnalyst

RRID:SCR_015022
Type: Tool

Proper Citation

MicrobiomeAnalyst (RRID:SCR_015022)

Resource Information

URL: http://www.microbiomeanalyst.ca/

Proper Citation: MicrobiomeAnalyst (RRID:SCR_015022)

Description: Web based data analysis tool for microbiome statistical analysis, visual explortation, and data integration. It supports compositional profiling, functional profiling, comparative analysis, and meta analysis of microbiome datasets.

Synonyms: Microbiome Analyst

Resource Type: data processing software, software resource, data analysis software, web application, software application

Defining Citation: DOI:10.1093/nar/gkx295

Keywords: microbiome dataset analysis, statistical microbiome analysis, visual microbiome analysis, microbiome meta analysis

Funding: McGill University Startup Fund ;
NSERC Discovery Grant

Availability: Public, Free, Available to the research community

Resource Name: MicrobiomeAnalyst

Resource ID: SCR_015022

Record Creation Time: 20220129T080323+0000

Record Last Update: 20250428T053853+0000

Ratings and Alerts

No rating or validation information has been found for MicrobiomeAnalyst.

No alerts have been found for MicrobiomeAnalyst.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 612 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Drahun I, et al. (2025) Characterisation of the bacteriomes harboured by major wireworm pest species in the Canadian Prairies. Insect molecular biology, 34(1), 203.

Zrihan S, et al. (2025) Monitoring Fish Bacterial Pathogens of Wild Fish Species From the South China Sea by Applying Next-Generation Sequencing on Gill Tissue. Journal of fish diseases, 48(2), e14050.

Chero-Sandoval L, et al. (2025) Comparative assessment of phenotypic markers in patients with chronic inflammation: Differences on Bifidobacterium concerning liver status. European journal of clinical investigation, 55(2), e14339.

Khan S, et al. (2025) Vaccine protection of broilers against various doses of wild-type Salmonella Typhimurium and changes in gut microbiota. The veterinary quarterly, 45(1), 1.

Zavarzina DG, et al. (2025) Analogs of Precambrian microbial communities formed de novo in Caucasian mineral water aquifers. mBio, 16(1), e0283124.

Bhusri B, et al. (2025) Characterization of gut microbiota on gender and age groups bias in Thai patients with autism spectrum disorder. Scientific reports, 15(1), 2587.

Pidgeon R, et al. (2025) Diet-derived urolithin A is produced by a dehydroxylase encoded by human gut Enterocloster species. Nature communications, 16(1), 999.

Huang D, et al. (2025) Association between airway microbiota and systemic inflammation markers in non-small cell lung cancer patients. Scientific reports, 15(1), 3539.

Shi Y, et al. (2025) Fecal microbiota changes associated with pathogenic and non-pathogenic diarrheas in foals. BMC research notes, 18(1), 34.

Tan JJM, et al. (2025) Efficient Degradation of Industrial Biowaste via In-Vessel Composting-Technical and Microbial Assessments. Bioengineering (Basel, Switzerland), 12(1).

Yoo Y, et al. (2025) The prebiotic potential of dietary onion extracts: shaping gut microbial structures and promoting beneficial metabolites. mSystems, 10(1), e0118924.

Sharma D, et al. (2025) Light-dark shift promotes colon carcinogenesis through accelerated colon aging. iScience, 28(1), 111560.

Balouei F, et al. (2025) Nutritional and Microbiome Effects of a Partial Substitution of Poultry Meat with Hydrolyzed Feather Meal in Dog Diets. Microorganisms, 13(1).

Malik PK, et al. (2025) Anti-Methanogenic Potential of Seaweeds and Impact on Feed Fermentation and Rumen Microbiome In Vitro. Microorganisms, 13(1).

Brischetto C, et al. (2025) Temperature Requirements Can Affect the Microbial Composition Causing Sour Rot in Grapes. Environmental microbiology reports, 17(1), e70061.

Stagiopoulou R, et al. (2025) Altitude's Impact on the Rhizosphere Prokaryotic Communities of the Cretan Endemic Plant Petromarula pinnata (L.) A.DC. Microorganisms, 13(1).

Gupta SK, et al. (2025) Dietary Chia (Salvia hispanica L.) seeds oil supplementation augments growth performance and gut microbial composition in Labeo rohita fingerlings. Scientific reports, 15(1), 1866.

Otero AM, et al. (2025) Influenza A virus during pregnancy disrupts maternal intestinal immunity and fetal cortical development in a dose- and time-dependent manner. Molecular psychiatry, 30(1), 13.

Choi H, et al. (2025) Effects of dietary supplementation of myristic acid on jejunal mucosa-associated microbiota, mucosal immunity, and growth performance of nursery pigs. Animal science journal = Nihon chikusan Gakkaiho, 96(1), e70027.

Luangphiphat W, et al. (2025) The efficacy of Lacticaseibacillus paracasei MSMC39-1 and Bifidobacterium animalis TA-1 probiotics in modulating gut microbiota and reducing the risk of the characteristics of metabolic syndrome: A randomized, double-blinded, placebo-controlled study. PloS one, 20(1), e0317202.