

Resource Summary Report

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Human Microbiome Project

RRID:SCR_012956

Type: Tool

Proper Citation

Human Microbiome Project (RRID:SCR_012956)

Resource Information

URL: <https://commonfund.nih.gov/hmp/>

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Description: NIH Project to generate resources to characterize the human microbiota and to analyze its role in human health and disease at several different sites on the human body, including nasal passages, oral cavities, skin, gastrointestinal tract, and urogenital tract using metagenomic and traditional approach to genomic DNA sequencing studies. HMP was supported by the Common Fund from 2007 to 2016.

Abbreviations: HMP, NIH HMP, HMP1

Synonyms: Human Microbiome Project, NIH HMP, HMP1, HMP, NIH Human Microbiome Project

Resource Type: data or information resource, portal, project portal

Keywords: generate, resource, human, body, microbiota, analyze, health, disease, metagenomic, DNA, sequencing, data

Funding: NIH

Resource Name: Human Microbiome Project

Resource ID: SCR_012956

Alternate IDs: nif-0000-25316

Alternate URLs: <https://www.hmpdacc.org/ihmp/>, <https://www.hmpdacc.org/hmp>

Old URLs: <http://nihroadmap.nih.gov/hmp/>

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260821T193941+0000

Ratings and Alerts

No rating or validation information has been found for Human Microbiome Project.

No alerts have been found for Human Microbiome Project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 414 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ricci L, et al. (2026) Baby-to-baby strain transmission shapes the developing gut microbiome. *Nature*, 651(8104), 191.

De Tollenaere M, et al. (2026) Seaweed-Derived Extract Targets Porphyr'ageing to Modulate the Visible Signs of Aging in Human Skin. *Marine drugs*, 24(6).

Giacomini JJ, et al. (2026) Spatial ecology of the Capnocytophaga genus in the human oral cavity. *Microbiology spectrum*, 14(6), e0362625.

Cui Z, et al. (2026) A previously unappreciated class of metal-dependent bile salt hydrolases from the human gut microbiome. *bioRxiv : the preprint server for biology*.

Karner T, et al. (2026) Gut microbial diversity and inferred capacity to produce short-chain fatty acids are associated with acute stress reactivity in healthy adults. *Neurobiology of stress*, 42, 100807.

Luo J, et al. (2026) The Role of the Oral Microbiome in Circulating Metabolic Biomarkers and the Influence of Air Pollution. *Oral diseases*.

Lu R, et al. (2026) Veillonella, Neisseria, Prevotella, and Lachnoanaerobaculum enrichment in salivary microbiome predicts gallstone disease. *European journal of medical research*, 31(1).

Magnano San Lio R, et al. (2026) The Wastewater Resistome: A Shotgun Metagenomics Analysis of Urban Treatment Plants in Sicily. *Antibiotics (Basel, Switzerland)*, 15(2).

Alvarado DA, et al. (2026) Effects of Soluble Corn Fiber Consumption on Executive Functions and Gut Microbiota in Middle to Older Age Adults: A Randomized Controlled Crossover Trial. *The Journal of nutrition*, 156(5), 101473.

Whealy RN, et al. (2026) Strain-level genomic variation of Streptococcus mutans and early childhood caries in preschool children from Northern Arizona and Hawaii. *PeerJ*, 14, e20808.

Jo S, et al. (2026) Skin Microbiome Profiling in Patients with Primary Sjögren Disease Compared to Healthy Individuals. *Journal of microbiology and biotechnology*, 36, e2510010.

Langenfeld K, et al. (2026) Novel machine learning-based approach to identify viral biomarkers of human respiratory emissions from oral and nasal metagenomes. *mSphere*, 11(5), e0011326.

Dinesh D, et al. (2026) Gut Microbial Variations Associated With Proton Pump Inhibitor Use in the Boston Puerto Rican Health Study. *Pharmacology research & perspectives*, 14(1), e70205.

Spick M, et al. (2026) Quantifying new threats to health and biomedical literature integrity from rapidly scaled publications and problematic research. *Journal of clinical epidemiology*, 193, 112203.

Liu F, et al. (2026) Fluoride varnish application and the temporal evolution of supragingival microbiota in children with differential caries risk. *Journal of oral microbiology*, 18(1), 2682471.

Aldriwesh MG, et al. (2026) Microbiome and One Health in GCC countries: current status, research gaps, and future directions. *Frontiers in microbiology*, 17, 1821688.

Huerta-García EX, et al. (2026) Salivary immune alteration persists after caries treatment. *Scientific reports*, 16(1).

Novacescu D, et al. (2026) Gut Microbiome Recovery in *Clostridioides difficile* Infection Patients Receiving Multi-Strain Probiotics During Convalescence: A Prospective Pilot Series of Longitudinal Dynamics. *Diseases (Basel, Switzerland)*, 14(2).

Olaleye M, et al. (2026) Shotgun metagenomic analysis of the oral microbiomes of children with noma. *PLoS neglected tropical diseases*, 20(3), e0014118.

Torres-Morales J, et al. (2026) Site-specialization of human oral *Porphyromonas* species. *bioRxiv : the preprint server for biology*.