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Research Topic **Human health and disease in a microbial world**

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Overview **13** Articles **58** Authors Impact Comments **66,700** VIEWS

3 About this Research Topic

Humans and other mammals have co-evolved with trillions of microorganisms (the microbiota), whose aggregate genomes (the microbiome) contribute functions that are not encoded by our own human genome. Recent developments in the emerging field of metagenomics have enabled an unprecedented description of ...

4 **5** **6** **7**

8 **Topic Editors**

Alain Stintzi Ottawa Institute of Systems Biology Ottawa, Canada **14,960** views **4** publications

Peter J Turnbaugh Harvard University Cambridge, MA, USA **6,515** views **24** publications

9 **Recent Articles**

Functional Metagenomic Investigations of the Human Intestinal Microbiota
Aimee Marguerite Moore, Christian Munck, Morten Otto Alexander Sommer and Gautam Dantas

Perspective The human intestinal microbiota encode multiple critical functions impacting human health, including, metabolism of dietary substrate, prevention of pathogen invasion, immune system modulation, and provision of a reservoir of antibiotic resistance ...

Published on 17 October 2011
Front. Microbiol. doi: 10.3389/fmicb.2011.00188

5,370 views **457** shares

Human Health and Disease in a Microbial World

Ways to participate

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(estimated time)



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