





an Open Access Journal by MDPI

Microbial Communities in Health and Disease

Guest Editors:

Prof. Dr. Arul Jayaraman

Artie McFerrin Department of Chemical Engineering, Texas A&M University, 3122 TAMU, College Station, TX 77845-3122, USA

Prof. Dr. Kyongbum Lee

Department of Chemical and Biological Engineering, Tufts University, Medford, MA 02155, USA

Deadline for manuscript submissions:

closed (29 February 2020)

Message from the Guest Editors

This Special Issue on "Microbial Communities in Health and Disease" seeks contributions on quantitative and experimental aspects of microbiome research. Topics of interest include, but are not limited to, the following:

- Models for quantitative analysis of microbial communities associated with their animal host
- A simulation of microbial communities in animal hosts using genome-scale modeling
- Microbial community structure (composition)– function (metabolite output) relationships
- Multi-omic data integration for describing microbial community function
- Novel model-systems and tools for controlled studies of microbe-microbe and microbe-host interactions
- Temporal and spatial dynamics of microbiota in animal hosts











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo CravottoDepartment of Drug Science and

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus,

SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous*))

Contact Us