

## Special Issue

# Microbial Communities in Health and Disease

### 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

---

### Guest Editors

Prof. Dr. Arul Jayaraman

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

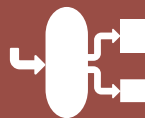
Prof. Dr. Kyongbum Lee

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

---

### Deadline for manuscript submissions

closed (29 February 2020)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/21503](https://mdpi.com/si/21503)

*Processes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[processes@mdpi.com](mailto:processes@mdpi.com)

[mdpi.com/journal/  
processes](https://mdpi.com/journal/processes)





# Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/journal/  
processes](https://mdpi.com/journal/processes)



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

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

---

### 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:

CiteScore - Q2 (Chemical Engineering (miscellaneous))