

Special Issue on
“Host-Microbe Interactions”

Aims and Scope

[SOJ Microbiology & Infectious Diseases](#) is an open access peer reviewed journal, solely designed for the worldwide scientific community that addresses current research on microbiology, which aims to provide an exclusive platform for publishing worthy research work. The journal aims to frame up an outstanding special issue on Host-Microbe Interactions.

Complex interactions between symbiotic or pathogenic microbes and the hosts they colonize are essential to both health and disease. Ongoing interactions between host and microbe have different outcomes that depend upon regulation of the host-microbe relationship and co-evolution of host and microbe favors an outcome. This rapidly advancing field is now bearing the results of interdisciplinary efforts by the researchers in the field of microbiology.

The objective of the special issue is to integrate the growing international community of researchers working on the topics like Physiology of Host-Microbe Interactions, Genetics of Host- Microbe Interactions, and Modulation of Host-Microbe Interactions, Host-Microbe Interactions in Microgravity.

Topics

This special issue deals with the topics of the following but not limited to

- Host-Microbe Mutualism
- Physiology of Host-Microbe Interactions
- Host-Microbe Interactions in Microgravity
- Biochemistry of Host- Microbe Interactions
- Genetics of Host- Microbe Interactions
- Altered Plant Metabolism during Disease
- Bacteria Pathogenic for Humans
- Microbial Commensalism
- Ecological Perspective on Human–Microbe Mutualism and Disease
- Modulation of Host-Microbe Interactions
- Host-Microbe Interactions in Marine Animals

Microbiome : Polymicrobial Interactions
Microarray Analysis of Host and Microbe Gene Expression
Plant Pathogens
Parasitism
Competition
Antagonism
Predation
Pamp-Triggered Immunity
Plant Immune Response

Submissions

Authors are invited to submit articles which address the progress and current standing of Host-Microbe Interactions. Please refer [Author guidelines](#) before submission.

Author benefits for these submissions will be found at [Special issue page](#). Use the Online [Manuscript Tracking System](#) to submit your papers or e-mail it to microbiology@symbiosisonline.org

Submissions are open from January 26, 2015

Editorial Board Members

Jeanette Jones
University of Alabama, USA

Hong Zhou Z
California Nano Systems Institute, USA

Frank Portugal
Catholic University, USA

Markus Stein
Albany College of Pharmacy and Health
Sciences, USA

Editorial Contact

Ellen Spencer
SOJ Microbiology & Infectious Diseases
Symbiosis Group
1203, Heron Dr.
Normal, IL 61761
T +1-872-356-4001
F +1-309-424-5750
microbiology@symbiosisonline.org