



Immune Subversion and Pathology Associated with Bacterial Infection

Guest Editors:

Dr. Florea Lupu

Cardiovascular Biology Research Program, Oklahoma Medical Research Foundation, Oklahoma City, OK 73104, USA

Prof. Mark Lang

Department of Microbiology and Immunology, University of Oklahoma Health Sciences Center, Oklahoma City, OK 73104, USA

Deadline for manuscript submissions:

closed (31 August 2021)

Message from the Guest Editors

Dear Colleagues,

We are planning a Special Issue dedicated to the subversion of host immune responses and immunopathology caused by pathogenic bacteria. We expect to publish 12–15 original articles and reviews by September 2021. Of interest are studies aimed at understanding mechanisms by which pathogenic bacteria subvert and limit the host immune response. Articles that consider pathogen-associated virulence determinants that mediate effects on the immune system are encouraged, as are effects on innate and adaptive immunity. Short- and long-term immunopathology associated with bacterial infections are of particular interest and may include mechanisms underlying intravascular coagulation, cytokine storms and other host responses that drive sepsis and organ failure. Long-term immune sequelae, including autoimmune responses are welcomed. An in-depth understanding of the effects of bacterial pathogens on the host immune system will likely help in the identification of novel targets and therapies for the treatment of infectious disease and we seek to bring relevant concepts together in a Special Issue of *Microorganisms*.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Systems Biology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*Microbiology*)

Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/microorganisms
microorganisms@mdpi.com
X@Micro_MDPI