



From Host-Pathogen Interaction to Host-Directed Therapies

Guest Editors:

Prof. Dr. Maria Salomé Gomes

Instituto de Investigação e Inovação em Saúde, Instituto de Ciências Biomédicas Abel Salazar, Universidade do Porto, Porto, Portugal

Prof. Dr. Luisa Pereira

1. Instituto de Patologia e Imunologia Molecular, Universidade do Porto, Porto, Portugal
2. i3S–Instituto de Investigação e Inovação em Saúde, Universidade do Porto, Porto, Portugal

Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editors

Despite the enormous progress that was achieved during the last century, infectious diseases still have a huge impact on human health worldwide. Studies on host–pathogen interactions have been key in the identification of the most important determinants of infection outcome.

The identification of host targets of infection with a role in disease progression or resistance represents a new opportunity to envisage host-directed therapies. In a time when antibiotic treatments are being challenged by increasing bacterial resistance rates, host-directed therapies represent an appealing complementary strategy to combat infectious diseases.

In this Issue, we would like to reunite recent developments made by studies in host–pathogen interactions that may contribute to the proposal of host-targeted therapies to treat infectious diseases.





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