



## Ocular Infections and Microbiota in Health and Disease

Guest Editors:

**Dr. Marilena Galdiero**

Dipartimento di Medicina  
Sperimentale, Università degli  
Studi della Campania Luigi  
Vanvitelli, Naples, Italy

**Prof. Dr. Nicola Rosa**

Department of Medicine, Surgery  
and Dentistry, "Scuola Medica  
Salernitana" University of  
Salerno, Salerno, Italy

Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editors

The ocular surface microbiome is composed of bacteria such as coagulase-negative Staphylococci and *Corynebacterium* spp., but also viruses, fungi and sometimes protozoa. The normal microbiota plays a protective immunological role in defending against the proliferation of pathogenic species. The disruption of the normal ocular surface microbiota may play a significant role as a cofactor in the pathogenesis of ophthalmic diseases. The ocular surface microbiota can be altered by several environmental influences and pathological states including dry eye syndrome, contact lens wear, keratoprosthesis, antibiotics, and infection.

Focus:

With this Special Issue, we would like to present readers with the state-of-the-art in the field of ocular infections and microbiota health and disease. We invite experts to contribute their original research, whether basic or clinical, on microbiota and eye infection to this Special Issue. Authors can also submit review articles describing the evolution of scientific discoveries for relationships between the microbiome and eye disease.





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 (medical)*)

## Contact Us

Microorganisms Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

mdpi.com/journal/microorganisms  
microorganisms@mdpi.com  
X@Micro\_MDPI