

# Special Issue

## Infectious Diseases, New Approaches to Old Problems 2.0

### Message from the Guest Editors

It is well-known that infectious diseases are one of the leading causes of death worldwide, and past as well as current efforts focus on prevention and treatment. One trait common to most pathogens is their ability to modulate, manipulate, and escape host immune responses. Therefore, immunomodulation approaches, such as adjuvants, therapies, and vaccines, appear to be the most compelling methods with which to enhance immune responses, and appear to be highly promising. The concept of One Health has hallmarked the lack of prevention in control in other areas that have great implications for human health. Importantly, bacteria, along with viruses and parasites, are great hazards and a challenge to prevent as well as treat. This aim of the Special Issue is to unite several fields of research to approach the problem from a One Health perspective. This Special Issue emerges as a result of the lack of strategies and solutions with which to overcome infectious diseases in the framework of technology and the interconnected world. It will also be a platform on which novel strategies for vaccine and therapeutic development will be provided, focusing on immunomodulation.

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### Guest Editors

Dr. Eva Torres-Sangiao  
Dr. Monica Cartelle Gestal  
Dr. Nelson C. Soares

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### Deadline for manuscript submissions

closed (15 November 2023)



**Microorganisms**

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## About the Journal

### 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.

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### Editor-in-Chief

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