Special Issue

Innate Antimicrobial Immunity and Virus–Bacteria Interactions

Message from the Guest Editor

The outcome of microbial infections depends on the interplay between host factors and the environment. Of note, bacteria and viruses often occupy the same niches, but their potential roles in promoting wellness or disease states as well as in modifying the innate immunity response has only recently gained traction. Hence, the scope of this Special Issue will be as follows: I) to delineate the presence and demonstrate the clinical value of the IFN-signature and innate immunity in different bacteria or viral infections; ii) to better understand the dynamics between bacteria and viruses; and iii) to ascertain whether the virus–bacteria coinfection compromises the IFN and inflammatory response.

This Special Issue will provide some key examples of the importance of the innate immune response in the control of microbial infections as well as how virus–bacteria interactions can impact the infection process and the activation of host defenses.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2021)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/60005

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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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