Special Issue

Advances in RNA Biology in Pathogenic Microorganisms

Message from the Guest Editors

In recent years, RNA metabolism has emerged to play crucial roles in the pathogenesis of several microorganisms. We have witnessed an RNA revolution that has forced us to look at this molecule in a different way. This has led to the development of new tools that allow the identification of novel players in RNA metabolism that can be exploited to develop new strategies to fight pathogenic microorganisms. This Special Issue aims to bring together the latest research that has been developed regarding RNA metabolism in pathogenesis and discuss their potential for the development of new therapeutic applications. We live in an era where microorganisms evolve fast and new outbreaks are being reported, as is the case with the current SARS-CoV-2 pandemic. We need to boost our knowledge on the basic cellular processes involved in pathogenesis in order to develop strategies that can be widely used to tackle pathogenic organisms.

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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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