

## Special Issue

# Bacterial Non-coding RNAs as Regulators of the Host-Pathogen Interaction during Infection

### Message from the Guest Editors

Bacterial non-coding RNAs and their targets are key components of a complex regulatory network that enables pathogens to reprogram their metabolism in order to adapt to and thrive in the hostile environment. In the past few years, a large number of small non-coding RNAs identified in infectious bacterial species have been implicated in the regulation of transcription, translation, and mRNA stability of effector proteins that manipulate the eukaryotic cell machinery for the benefit of the pathogen. Accumulating evidence suggests that small RNAs are key players in supporting pathogen persistence in the host by not only tailoring the bacterial transcriptome to environmental changes at different stages of infection but also by interacting with host transcriptional mechanisms to allow the pathogen to successfully evade host protective responses and establish productive intracellular infection.

Authors are invited to submit original research and review articles to this Special Issue, which features the latest achievements and current concepts regarding the role of bacterial non-coding RNAs as regulators of the infection process.

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### Guest Editors

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### Deadline for manuscript submissions

closed (16 June 2023)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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