

## Special Issue

# Bacterial and Viral Pathogenesis: Insights from Proteomics

### Message from the Guest Editors

Mass spectrometry (MS)-based proteomics, a cutting-edge molecular technique, has emerged as a promising biotechnological tool in the post-genomic era, particularly in systems biology. The utility of proteomic platforms, including but not limited to discovery proteomics, analysis of post-translationally modified protein/peptides, immuno-proteomics, and mass-spectrometry-based targeted methods have been employed to provide insight into the molecular drivers of bacterial and viral infections in host cells and pathogenesis in plant, animals, etc. Results from these studies have been instrumental in advancing knowledge about pathogen–host interaction, resistance mechanisms, and evolutionary trends and in many instances have revealed promising novel drug targets and novel therapeutical venues.

This Special Issue on “Bacterial and Viral Pathogenesis: Insights from Proteomics” will focus on all aspects of proteomics and infectious disease. We welcome you to submit your original research paper, recent reviews, and commentaries on this topic.

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### Guest Editors

Dr. Nagib Ahsan

Dr. Adam Duerfeldt

Dr. Luciana Jesus Costa

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### Deadline for manuscript submissions

closed (31 August 2022)



## 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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### Editor-in-Chief

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