

Special Issue

Microbial Omics

Message from the Guest Editor

Microorganisms face a wide variety of challenges in their natural habitats, ranging from harsh environmental conditions, harmful pollutants to host defense systems. To address these challenges, microorganisms developed diverse strategies, including dedicated genetic mechanisms, complex metabolic adaptations or biofilm formation. Omics methodologies encompassing genomics, transcriptomics, proteomics, lipidomics and metabolomics have become invaluable for elucidating microbial adaptations. This current Special Issue entitled “Microbial Omics” of the *International Journal of Molecular Sciences* invites you to contribute research and review papers showcasing the use of omics technologies and methodologies to explore microbial physiology, adaptations or interactions in response to challenges to their survival (e.g., environmental exposures, pollutants, antimicrobials and host defense systems).

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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