

Special Issue

Advances on Bacterial Genomics

Message from the Guest Editors

Genome sequence-based investigations are emerging as a key area in bacterial research. Bacterial interactions with the host—and infection severity—depend on genome constituents. There has been a tremendous increase in bacterial genome-wide analyses. In this Special Issue, we intend to highlight the genome-wide analyses of pathogenicity determinants, CRISPR-Cas, type secretion systems, antimicrobial, EPS, and other important areas of genomics. Our aim is to provide a collection of manuscripts that describe the genomic biology and analyses of different bacterial pathogens. Research articles and reviews are invited. Submissions on—but not limited to—the following topics are invited:

- Genome-wide comparative genomics;
- Bacterial phylogenomics, evolution, and speciation;
- Functional genomics;
- Analyses of pathogenicity determinants and CRISPR cas;
- Genome-informed molecular diagnostics.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2021)



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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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