

Special Issue

State-of-the-Art Molecular Microbiology in Spain

Message from the Guest Editor

This Topical Collection aims to provide a comprehensive overview of recent advances in both prokaryotic and eukaryotic molecular microbiology in Spain by inviting contributions from Spanish research institutes/laboratories that consolidate our understanding of this area. Topics include, but are not limited to, the following:

- Antibiotic-resistance mechanisms;
- Biosynthesis of macromolecules;
- Cell division and cell-wall structure;
- Gene expression and its regulation;
- Gene transfer mechanisms;
- Host–pathogen interactions, including host responses;
- Induction of cell death by microorganisms;
- Membrane biogenesis and function;
- Pathogenicity mechanisms;
- Posttranslational modifications;
- Protein delivery (secretion and trafficking);
- Signaling pathways and networks;
- Systems biology;
- Vaccines;
- Virulence factors;
- Antimicrobial peptides;
- Therapeutic strategies.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2022)



International Journal of Molecular Sciences

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CiteScore 8.1
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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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