

Special Issue

New Advances in Mycoplasma Research

Message from the Guest Editor

This Special Issue will focus on the latest advances in mycoplasma research, including both its investigations as a model object and its pathogenesis.

Mycoplasmas are the simplest self-replicating cells. They are characterized by a reduced genome size, lack of a cell wall, and its simplified organization. Due to their characteristics, they are a very convenient model object. Using the mycoplasma model, researchers try to understand the entire machinery of a minimal self-replicating organisms and their specific parts. Currently, a synthetic minimal bacterial cell has been created on the mycoplasma model. Nevertheless, much is still unknown in the field of mycoplasma functioning.

Mycoplasmas are widespread in nature as parasites of almost all living organisms. Some representatives of the class are adhesive, while others are intracellular parasites. Despite their simple organization, they can successfully evade the immune response and persist in host organism for a long time.

We invite researchers to contribute to this Special Issue, "New Advances on Mycoplasma Research". Research articles and reviews in the broad field of mycoplasma study are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (20 January 2025)



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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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