

Special Issue

Synthesis and Function of Mycolic Acids and the Mycomembrane

Message from the Guest Editor

Within the Actinobacteria phylum, mycolic acid-containing members of the genera *Corynebacterium*, *Mycobacterium*, *Nocardia*, and *Rhodococcus* comprise an exceptional cell envelope structure characterized by the outer membrane-like mycomembrane. The main constituents are mycolic acids linked to sugar moieties, with the mycobacterial cord factor being the most prominent and best investigated example. This Special Issue aims to focus on all the molecular aspects of mycolic acids and mycomembrane synthesis and function. Commentaries, research articles, and reviews dealing with the evolution and distribution of biosynthesis genes, effects on antimicrobial resistance, and host–pathogen interactions, as well as other aspects, are welcome.

Guest Editor

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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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