



an Open Access Journal by MDPI

Tuberculosis Drug Discovery and Development

Guest Editors:

Prof. Dr. Luca Costantino

Universita degli Studi di Modena e Reggio Emilia, Dipartimento di Scienze della Vita, Modena, Italy

Dr. Fiorella Meneghetti

Department of Pharmaceutical Sciences, University of Milan, Via L. Mangiagalli 25, 20133 Milano, Italy

Deadline for manuscript submissions: closed (30 September 2019)

Dear Colleagues,

Message from the Guest Editors

According to the World Health Organization, tuberculosis, caused by *Mycobacterium tuberculosis*, is an infectious disease that causes the highest number of deaths worldwide. Standard treatments with antibiotics are long and complex, and drug resistance is growing rapidly: even for recently approved bedaquiline, delamanid, and linezolid, resistance has already emerged. Thus, there is a great unmet medical need and, consequently, a great interest in the opportunities and challenges associated with tackling tuberculosis, in order to develop effective and, possibly, cheap antimycobacterial agents endowed with new mechanisms of action.

This issue will cover multiple aspects of the search for new molecules starting both from natural and synthetic compounds and addressing different or multiple targets (multitarget drugs) in *Mycobacterium tuberculosis*. Original research articles, as well as reviews, that are able to make substantial advances in this field are welcome.

Prof. Dr. Luca Costantino Prof. Dr. Fiorella Meneghetti *Guest Editors*









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/molecules molecules@mdpi.com X@Molecules_MDPI