



## Recent Advances in Antitubercular Drug Discovery

Guest Editor:

**Dr. Chiarelli Laurent**

Department of Biology and  
Biotechnology "Lazzaro  
Spallanzani", University of Pavia,  
27100 Pavia, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2019)**

### Message from the Guest Editor

Tuberculosis (TB) is still the leading cause of death from a single infectious disease agent, with an estimated 1.7 billion people infected with *Mycobacterium tuberculosis*, and more than 10 million new cases each year. The current anti-TB therapy has reduced the mortality, but it requires a long treatment period, and can have serious adverse reactions. Moreover, multidrug-resistant (MDR) and extensively drug-resistant (XDR) *M. tuberculosis* strains have now spread worldwide and become a global issue. For these reasons novel TB drugs and novel drug targets are needed; indeed, considerable efforts, involving different approaches and expertise, have been made in the last years.

The aim of this Special Issue is, therefore, to collect research papers, short communications, and critical review articles, that are focused on the discovery and development of novel antitubercular drugs, new potential biological targets, and therapeutic approaches.





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](http://www.mdpi.com)

[mdpi.com/journal/molecules](http://mdpi.com/journal/molecules)  
[molecules@mdpi.com](mailto:molecules@mdpi.com)  
[X@Molecules\\_MDPI](https://twitter.com/Molecules_MDPI)