

Special Issue

Tuberculosis Drug Discovery and Development 2019

Message from the Guest Editors

We are inviting submissions to the Special Issue of *Applied Sciences* on **Tuberculosis Drug Discovery and Development**. Tuberculosis (TB) still represents one of the principal threats to global health among infectious diseases. The spread of multidrug-resistant (MDR), extensively drug-resistant (XDR), and totally drug-resistant (TDR) clinical isolates constitutes an important challenge for disease control. Research addressing the development of new antitubercular drugs has led to the identification of a few candidates that are in clinical development. We would like to organize this Special Issue based on the following topics:

- Epidemiology of drug-resistant tuberculosis;
- Host-directed therapy e anti-virulence drugs;
- Mycobacterial cell wall;
- *Mycobacterium tuberculosis* and benzothiazinones;
- SQ-109 and clinical development;
- DprE1 and MmpL3;
- Delamanid and pretomanid;
- Bedaquiline against active and latent tuberculosis;
- Telacebec; Delpazolid;
- Computational chemistry as a novel approach to the development of new molecules.

Guest Editors

Prof. Dr. Giovanna Riccardi

Dipartimento di Biologia e Biotecnologie, Università degli Studi di Pavia,
via Ferrata 9, 27100 Pavia, Italy

Dr. Claudia Sala

Fondazione Toscana Life Sciences, via Fiorentina 1, 53100 Siena, Italy

Deadline for manuscript submissions

closed (31 May 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/28821

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)