Special Issue

Antitubercular Drugs: Synthesis, Mechanism and Application

Message from the Guest Editors

Tuberculosis, caused by *Mycobacterium tuberculosis*, remains a major public health problem worldwide and is responsible for nearly 1.5 million deaths annually. In the last two decades, great progress in tuberculosis drug discovery has been made while searching for the most suitable approach to lead generation. Although there are currently several drug candidates in the late stages of development and new drugs have been recently introduced into the antitubercular drug regimen, more compounds presenting a better efficacy, less-toxicity, and targeting different subpopulations of *M. tuberculosis,* which, simultaneously, are not affected by the existing resistance mechanisms, are certainly urgently needed. This is approached by both the discovery of new molecular scaffolds and reposing the old antitubercular drugs. In this Special Issue, we invite submissions exploring tuberculosis drug discovery including, but not limited to, the synthesis, mode of action, and determining the efficacy of compounds. Reviews and original research papers are welcome.

Guest Editors

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Deadline for manuscript submissions

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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

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