

Special Issue

Antibacterial Drug Discovery: Chemical Challenges and Opportunities

Message from the Guest Editor

Antibacterial drug discovery employs innovative translational sciences, including target-oriented drug discovery, organic synthesis, drug delivery, and analytical and assay methods. The aim of this "Special Issue" is to highlight the challenges and opportunities presented by antibacterial drug discovery. This Special Issue may include original research articles and reviews on drug targets, medicinal chemistry, chemical entities, assays, phage therapy, vaccine, computational chemistry, new formulations, pharmacokinetic and dynamic aspects, and new strategies to using approved drugs.

Guest Editor

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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.

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