

Special Issue

Recent Advances in the Development of Antimicrobial Agents

Message from the Guest Editors

Humans have a long history with battling diseases caused by infectious microbes. The emergence of drug-resistant microbes has significantly compromised the success of antibiotics developed or discovered in the last century. When exposed to environmental challenges, such as antibiotics, microbes will always try to carry out a survival strategy, i.e., resistance.

Therefore, it is important for novel antibiotics to have ongoing effects. The proposed Special Issue will provide a platform for researchers to publish their latest findings and perspectives on the development of antimicrobial agents. Topics may include fundamental or applied research, such as the exploration or discovery of antimicrobial agents or materials from small molecules, peptides, or proteins of natural or artificial origin.

Guest Editors

Prof. Dr. Cheng-Wei Tom Chang

Prof. Dr. Jon Y. Takemoto

Prof. Dr. Jixun Zhan

Deadline for manuscript submissions

closed (31 May 2020)



Molecules

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CiteScore 8.6
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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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