

Special Issue

Syntheses and Applications in Medicinal Chemistry

Message from the Guest Editors

Reflecting the traditional core subjects of medicinal chemistry, organic chemistry, bio-organic chemistry, and analytical chemistry, this Special Issue also features a broad range of biochemical research; this includes, but is not limited to, computational and theoretical chemistry, green chemistry, polymer chemistry, and nanotechnology. Other cross-disciplinary topics such as bioinorganic chemistry, organometallic chemistry, enzyme engineering, bioinformatics, and biotransformation will also be featured. Manuscripts detailing multidisciplinary research at the interface of drug discovery and other scientific fields such as natural product synthesis, biology, pharmacology, and materials science are also encouraged; This is on the condition that the central theme of the article and the advances it presents contribute to the development of a drug or medical device for clinical use.

Keywords

- medicinal chemistry
- drug discovery
- drug metabolism
- synthesis
- organic chemistry
- chemical biology
- disorders and diseases

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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.

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