



## Natural Products and Synthetic Compounds for Drug Development

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### Message from the Guest Editor

Dear Colleagues,

Nature plays a crucial role as a source of drug structures for the development of novel effective and safe drugs. Medicinal chemistry develops active compounds through structural simplification, hybridization, or mimicking derivatives to interact with different targets and treat a variety of human diseases. This field of research has demonstrated tremendous practicality, increasing target affinity and addressing a range of issues affecting candidate drugs.

We welcome original articles and broad reviews covering natural products, their derivatives, and synthetic compounds. Topics of great interest to modern pharmacology include oxidative stress-related conditions, reactive oxygen species, oxidative damage, and inflammatory stimulation. Furthermore, we will consider applications for different human diseases, including cancer, infectious diseases, cardiovascular, and neurological diseases. We aim to provide the latest findings on the pharmacological characteristics of specific molecular compounds, the pharmacology of natural compounds, and the roles of bioactive natural products in human health and disease.





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## Message from the Editor-in-Chief

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