



Natural Substances and Their Derivatives: In Search of New Structures, Activities and Applications-2nd Edition

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Message from the Guest Editors

Dear Colleagues,

Natural substances and their derivatives are currently subjects of significant interest in the pharmaceutical, health food, and cosmetics industries; therefore, the volume of scientific studies in this field is increasing rapidly. Living organisms and their products remain an insufficiently understood reservoir of natural compounds.

This Special Issue aims to provide an overview of the utilization of novel structures, activities, and applications in order to supply us with valuable biologically active products.

The scope of this Special Issue includes, but is not limited to, the following topics:

1. The identification and biological evaluation of novel substances isolated from different natural sources (plants, fungi, bacteria, animals, insects);
2. The presentation of the novel pharmacological activity or molecular targets of known natural substances;
3. The use of natural compounds as a synthetic scaffold for the development of new agents with more potent activity and their possible application in medicine.

We welcome authors who can contribute original research related to natural substances, their bioactivity, and their mechanisms of action.





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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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