



Innovative Therapeutic Applications of Natural Compounds and Nature-Inspired Small Molecules

Guest Editors:

Dr. Giovanni Ribaudò

Department of Molecular and Translational Medicine,
University of Brescia, Viale
Europa 11, 25123 Brescia, Italy

Dr. Alessandra Gianoncelli

Department of Molecular and Translational Medicine,
University of Brescia, Viale
Europa 11, 25123 Brescia, Italy

Deadline for manuscript
submissions:

closed (29 February 2024)

Message from the Guest Editors

Dear Colleagues,

It is our pleasure to announce the launch of a new Special Issue entitled “Innovative Therapeutic Applications of Natural Compounds and Nature-Inspired Small Molecules”. Flavonoids, alkaloids, and other bioactive natural small molecules have inspired medicinal chemists to design compounds with improved potency, selectivity, and drug-like properties, and to investigate the underlying molecular mechanisms that trigger biological effects. With this Special Issue, we would like to warmly invite our colleagues to present their findings in the field of bioactive natural compounds and Nature-inspired small molecules. In particular, contributions reporting evidence and details on novel mechanisms of action for known compounds (or classes of molecules) are particularly encouraged. Indeed, the focus of this Special Issue will be on the “re-discovery” of known scaffolds with promising innovative therapeutic applications.

Dr. Giovanni Ribaudò

Dr. Alessandra Gianoncelli

Guest Editors





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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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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Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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