

## Special Issue

# Natural Products: Pharmacokinetics, Pharmacodynamics, and Drug Interaction Potential

### Message from the Guest Editor

Pharmacokinetics is the subject of investigating the process of drug absorption, distribution, metabolisms, and excretion, while pharmacodynamics explores the pharmacological effect of drugs and their action mechanisms within the biological system, both in vitro and in vivo. Natural products—naturally occurring chemical compounds produced by living organisms—are ever-popular research subjects, providing inspiration for new candidate drugs. Studies typically focus on phytochemical substances, such as phenols, polyphenols, tannins, terpenes, and alkaloids. This Special Issue of *Molecules* aims to provide a scientific forum to discuss pharmacokinetics, pharmacodynamics, and potential herbal drug interactions of natural products. Manuscripts submitted to this Special Issue should contain a characterization of chemical constituents.

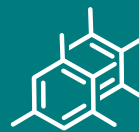
### Guest Editor

Prof. Dr. Tung-Hu Tsai

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### Deadline for manuscript submissions

closed (30 April 2022)



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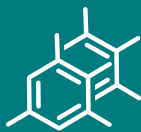


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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).