

## Special Issue

# Exploration on Pharmacokinetics and Pharmacodynamics of Natural Molecules: Current Status and Future Perspectives

### Message from the Guest Editors

Since the early 1990s, the research and discovery efforts of many pharmaceuticals have been focused on combinatorial chemistry and high-throughput screening to generate and identify new therapeutic agents. However, this switch did not yield the expected returns in terms of new drug candidates and might in fact have led to the current paucity of new drug candidates in the development pipeline. A recent focus on nature's toolbox and existent practices has resulted in the discovery and development of promising and clinically useful drug candidates. Unfortunately, these natural products do not currently play a major therapeutic role, mostly due to the limited knowledge regarding their physicochemical, pharmacokinetic, and pharmacodynamic properties. All scientists investigating this field are cordially invited to contribute original research papers or reviews to this Special Issue of *Molecules*, which will focus on the latest findings in physicochemical, pharmacokinetic, and pharmacodynamic properties of promising natural products.

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### Guest Editors

Prof. Dr. Fawzy A. Elbarbry

School of Pharmacy, Pacific University Oregon, Hillsboro, OR 97123, USA

Prof. Dr. Deepa A. Rao

School of Pharmacy, Pacific University Oregon, OR 97123, USA

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### Deadline for manuscript submissions

closed (31 March 2023)



## Molecules

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*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

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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

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

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