



## Pharmaceuticals and Cosmeceuticals from Plants: Molecular Pharmacology and Toxicology

Guest Editors:

**Prof. Dr. Namrita Lall**

**Dr. Marco De Canha**

**Dr. Danielle Berrington**

**Dr. Anna-Mari Reid**

Deadline for manuscript  
submissions:

**closed (30 June 2022)**

### Message from the Guest Editors

Plant-derived pharmaceuticals and cosmeceuticals are a potential source of new drugs for the treatment of several diseases and disorders. Numerous plant-derived therapies are used in various dosage forms, such as botanical extracts, natural products, as well as compound derivatives and analogs. Therapies from natural products can be used as adjuvants with conventional treatments, for increasing efficacy and potentially lowering systemic toxicity. Drug discovery from natural products and plants should encompass extensive research to determine safety and efficacy. The aim of this Special Issue is to summarize new insights into molecular pharmacology and toxicology, including recent studies and literature on the effect of plants and/or natural products on target molecules associated with various diseases/disorders, their toxicological profiles, their molecular modes of action, and potential drug-herb interaction with conventional treatments. The focus of this Special Issue is to collate recent developments and findings in the field of pharmaceutical and cosmeceutical drug development from botanical sources and to highlight new developments in these fields.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

## Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

*Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Pharmaceutical Science*)

## Contact Us

*Pharmaceuticals* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/pharmaceuticals](http://mdpi.com/journal/pharmaceuticals)  
[pharmaceuticals@mdpi.com](mailto:pharmaceuticals@mdpi.com)