

Special Issue

Bioactive Compounds Derived from Plants and Their Medicinal Potential, 2nd Edition

Message from the Guest Editors

Medicinal plants are a rich source of pharmaceutical compounds with demonstrated potential to improve human and animal diseases, offering important avenues for drug discovery. These bioactive compounds have diverse properties, such as antimicrobial, larvicidal, antioxidant, anticancer, and immunomodulatory. Advancements in experimental methodologies, ranging from experimental models and culture systems to microfluidic platforms, have enabled us to study the bioactivity and pharmacology of these compounds with greater precision and efficiency.

This Special Issue aims to gather original research and review articles that describe rigorous experiments (e.g., in vitro, ex vivo, and in vivo) on the bioactivity of medicinal plants and advance the development of evidence-based pharmaceutical interventions. The reports can explore various aspects of natural product pharmacology, including the identification of novel compounds, their mechanisms and synergistic effects, formulation development, and clinical trials. Through this Special Issue, we would like to promote a positive paradigm shift towards more natural and patient-centric therapeutics.

Guest Editors

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Deadline for manuscript submissions

closed (5 September 2025)



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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.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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