

Special Issue

Recent Advances in Medicinal Plants and Plant-Derived Compounds: Neuroprotective, Anti-Inflammatory, Antioxidant, Anticancer, and Antimicrobial Applications

Message from the Guest Editors

The growing interest in plant-based resources for therapeutic purposes reflects a paradigm shift in biomedical research and clinical practice. Medicinal plants and plant-derived compounds offer a wide array of bioactive compounds with demonstrated neuroprotective, antioxidant, anti-inflammatory, anti-tumour, and antimicrobial properties. Establishing robust scientific evidence on these natural agents is essential to validate their efficacy, ensure safety, and promote their integration into modern healthcare strategies.

We warmly encourage researchers, clinicians, and professionals working in phytotherapy, pharmacognosy, nutrition, and biomedical sciences to contribute to this Special Issue. It offers a unique opportunity to publish original research, reviews, and case studies that advance knowledge in this interdisciplinary field. By sharing high-quality scientific evidence, contributors will help shape future strategies in integrative medicine, and natural product-based drug discovery. We look forward to receiving submissions that reflect the diversity, innovation, and therapeutic potential of plant-based resources.

Guest Editors

Prof. Dr. Isabel Martínez Solís
Dr. Jose Ignacio Bueso-Bordils
Prof. Dr. Nuria Acero de Mesa

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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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