

Special Issue

Natural Products and Phytotherapy: Advances in Phytochemistry and Pharmacology

Message from the Guest Editors

Plant-derived natural products have played a crucial role in the drug discovery process due to their well-known propensity to act on diverse molecular targets and modulate miscellaneous processes such as inflammation, oxidative stress, cellular proliferation, apoptosis, and angiogenesis on one hand, and due to the complex chemical scaffold characteristic for plant secondary metabolites, which it is not possible to generate in the lab. Natural products, in view of their multifaceted pharmacology and complex chemical composition, appear to still represent a vast and to a great extent unexplored source of potential pharmacological modalities. Much remains to be discovered, and as the phytochemical and pharmacological tools become more sophisticated and sensitive, our chances of more in-depth characterization of classical medicinal herbal drugs as well as these plants with pharmacological potential increase enormously. This Special Issue of *Plants* will focus on phytochemical and pharmacological studies on plants with current and potential employment in phytotherapy and traditional systems of medicine.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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