Research Progress and Application Prospect of Medicinal Plants

Guest Editors:

Dr. Marcus Tullius Scotti
Department of Chemistry, Federal University of Paraíba, João Pessoa, PB, Brazil

Dr. Luciana Scotti
Laboratório de Tecnologia Farmacêutica, Federal University of Paraíba, Campus I, João Pessoa 58051-970, PB, Brazil

Dr. Eugene Muratov
UNC Eshelman School of Pharmacy, University of North Carolina, Chapel Hill, NC, USA

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Message from the Guest Editors

Natural organisms, especially plants, provide innumerable molecules, phenolic compounds, flavonoids, alkaloids, terpenes, secondary metabolites of plants, with the potential to treat several diseases because of their beneficial effects on human health, such as antiviral, antiallergic, antiplatelet, anti-inflammatory, antitumor, antioxidant and antiparasitic activities.

The use of natural products has been the subject of increasing interest in phytochemistry, biochemistry and other fields of research in the chemistry–biology–ecosystem interface. Many studies report different approaches to using these compounds in drug discovery, which comprise synthesis, semi-synthesis, searches for new targets, evaluation of biological activities, and/or theoretical approaches as structure-based approaches, SAR, QSAR, docking and cheminformatics methods.

The objective for this thematic issue is to report on recent research using medicinal plants for the treatment or cure of diseases.

Special Issue

Editor-in-Chief

Prof. Dr. Leslie A. Weston
Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Message from the Editor-in-Chief

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