



Molecules

an Open Access Journal by MDPI

CiteScore: 8.6

Indexed in PubMed

Impact Factor: 4.6

Special Issue Reprint

Secondary Metabolites from Natural Products

Edited by: Radosław Kowalski and Tomasz Baj

Secondary metabolites remain an inexhaustible source of inspiration for the natural and applied sciences. Advances in extraction techniques, bioanalysis and structural characterization accelerate the discovery of compounds with potential pharmaceutical, agricultural, and industrial applications. This Special Issue of *Molecules* emphasizes the importance of integrating phytochemistry, microbiology, and biotechnology in order to fully utilize natural resources in innovations consistent with the principles of sustainable development. The studies collected in this Special Issue implement the objectives indicated in the Introduction: they verify ethnopharmacological premises (the richness of polyphenols and terpenoids), explore biodiversity (tropical plants, wood-inhabiting fungi and endophytes, marine microorganisms, etc.), develop 'green' extraction and dereplication methods (SFE, LC-HRMS/MS, network approaches, etc.), and also propose directions for practical implementations, from biocontrol and agroecology to functional foods and potential lead compounds in drug discovery.

