



Antimicrobial and Anti-inflammatory Activity of Bioactive Compounds Extracted from Plants

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Message from the Guest Editors

content in bioactive phytochemicals with several biological properties. Research on secondary metabolites with health-promoting effects have recognized that phenols and polyphenols are beneficial for human health and are widespread and copious in dietary plant sources. Contributions to this Special Issue may cover all research aspects related to plants (food or medicinal), including those parts from plants discarded during agricultural and industrial processing; characterization of their biological properties, including (but not limited to) methods for their extraction, purification, comprehensive profiling characterization, and quantification; beneficial biological properties that could potentially contribute to functional food and nutraceutical development; functional properties such as antioxidant, antibacterial, anti-inflammatory, among other properties; in vitro and in vivo model systems; clinical investigations; and biotechnological applications of plants. Original research papers and review articles on these different areas are welcome.

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Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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