



Antioxidant and Antibacterial Activity of Plant Extracts

Guest Editors:

Dr. Delia Muntean

Department of Microbiology,
“Victor Babes” University of
Medicine and Pharmacy,
Timisoara, Romania

Dr. Silvana Vulpie

Department of Microbiology,
“Victor Babes” University of
Medicine and Pharmacy, Eftimie
Murgu Square, No. 2, 300041
Timisoara, Romania

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Message from the Guest Editors

Dear Colleagues,

Medicinal plants have been a very important source of medicinal products for millennia. A significant number of drugs used in the medicine of the 21st century have been developed from vegetal sources. Traditionally, plants have been used for their anti-inflammatory, antioxidant, and antibacterial effects. Identifying, testing, and implementing the use of new molecules in the current therapeutic protocols is a very complex, time-consuming, and expensive process. In many situations, the attention is directed towards the study of plant extracts as it is very well known that in some cases the activity of the phytochemical complex is superior to that of pure phytochemicals due to the synergism of the molecular structures.

The purpose of this Special Issue, entitled *Antioxidant and Antibacterial Activity of Plant Extracts*, is to provide an update regarding the phytochemical composition of plant extracts, along with studies regarding their antioxidant and antibacterial activity. Original articles based on experimental or clinical research and reviews are welcome.





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Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and
Molecular Bioscience, University
of Wollongong, Wollongong, NSW
2522, Australia

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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Contact Us

Antibiotics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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