

Special Issue

Antimicrobial Activity of Different Plant Extracts, Plant-Derived Compounds and Synthetic Derivatives of Natural Compounds on Pathogenic Microorganisms, 3rd Edition

Message from the Guest Editors

We have published two successful volumes of the Special Issue “Antimicrobial Activity of Different Plant Extracts, Plant-Derived Compounds and Synthetic Derivatives of Natural Compounds on Pathogenic Microorganisms”

https://www.mdpi.com/journal/antibiotics/special_issues/Plant_Antimic

https://www.mdpi.com/journal/antibiotics/special_issue_s/I0320463Z8

This result encouraged us to produce the third volume on the same topic. This third volume will include research and manuscripts regarding plant extracts and novel compounds, mainly of natural origin, characterized by strong biological activity. Research on alternative methods of obtaining new derivatives of natural origin is also welcome. Manuscripts that present the antimicrobial activity of natural compounds, including plant extracts and chemical compounds commonly known for their synthetic derivatives, will be appreciated. Manuscripts on the biological activity of natural extracts without proper chemical characterization will not be considered.

Guest Editors

Dr. Anna Duda-Madej

Dr. Joanna Kozłowska

Prof. Dr. Katarzyna Wińska

Deadline for manuscript submissions

15 August 2025



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About the Journal

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 disciplines 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.

Editor-in-Chief

Prof. Dr. Nicholas Dixon
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