

## Special Issue

# Plants, Lichens, Fungi, and Algae Extracts and Derivatives with Antimicrobial Properties for Nutrition and Health, Second Edition

### Message from the Guest Editors

Following the success of the first edition of this Special Issue, we are delighted to launch the second edition, which focuses on:

- The antimicrobial properties of plants, lichens, fungi, and algae used in traditional medicine, and current trends in biotechnology and pharmaceutical products for human and veterinary medicine;
- Novel plant-derived products with antibacterial, antiviral, antifungal, antiprotozoal, and antihelminthic properties;
- The relationship between antioxidant and antimicrobial properties of various plant secondary metabolites;
- The valorization of plant by-products for antimicrobial phytoconstituent extraction;
- Essential oils and other plant-derived product applications in food packaging to prevent microbial contamination;
- The impact of plant, lichens, fungal, and algal phytochemicals on the gut and oral cavity microbiota for a balanced life;
- The most recent findings related to plant, lichens, fungi, and algae ingredients as functional foods, helpful for infectious disease prophylaxis and complementary therapy;
- Case studies regarding the influence of plant-based medical nutrition intervention to prevent and treat various infectious diseases.

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### Guest Editors

Dr. Violeta Popovici

Dr. Emma Adriana Ozon

Prof. Dr. Andreea Letitia Arsene

Dr. Verginica Schroder

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**Deadline for manuscript submissions**



## Antibiotics

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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.

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### Editor-in-Chief

Prof. Dr. Nicholas Dixon  
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