



an Open Access Journal by MDPI

Mediation of Bacterial and Fungal Secondary Metabolites in Agro-Environmental Interactions

Guest Editors:

Dr. Maria Ludovica Saccà

Council for Agricultural Research and Economics (CREA), Agriculture and Environment Center (AA), Rome, Italy

Dr. Luisa Maria Manici

Council for Agricultural Research and Economics (CREA), Agriculture and Environment Center (AA), Rome, Italy

Deadline for manuscript submissions: closed (30 July 2021)

Message from the Guest Editors

Dear Colleagues,

The key role of microbial secondary metabolites for cell survival under nutrient limited conditions is widely recognized. The functional role of the natural microbiota in controlling pathogens of agricultural interest, often remains un-exploited. The genes encoding the biosynthetic pathways of secondary metabolites may be used as functional markers to investigate the biosynthetic potential of bioactive molecule production, but further research is needed for translating results into practice.

The aim of this Special Issue of *Microorganisms* is to present an array of different case studies where the biological role of metabolites of microbial origin is investigated in the context of solving agro-environmental issues. Applied research investigation studies are welcome.

Specialsue

Dr. Maria Ludovica Saccà Dr. Luisa Maria Manici *Guest Editors*



mdpi.com/si/50324





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Systems Biology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in highquality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases. **Journal Rank:** JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*Microbiology*)

Contact Us

Microorganisms Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/microorganisms microorganisms@mdpi.com X@Micro_MDPI