Special Issue

Fungal Secondary Metabolites Involved in Plant Beneficial Interactions

Message from the Guest Editors

Fungi are well known to be a wide source of secondary metabolites (SM) whose extensive and versatile repertoire helps them to maintain their niches, to face competitors, and to ensure enough space and nutrient for their survival. In addition, fungal SMs are involved in communication with plants: Certain SMs can enhance plant growth and/or elicit plant defense responses. All those properties render fungal SMs potential bioproducts that could be employed in agricultural practices in order to improve crop yield and to reduce negative effects due to biotic and abiotic stresses. Full research papers, reviews, short communications coming from research on this topic are invited for this editorial project.

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"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 high-quality 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.

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