

Special Issue

Physiology, Biochemistry and Interaction with Plants of Yeast and Filamentous Fungi

Message from the Guest Editors

The interaction between fungi and plants is complex. Different perspectives on this interaction have been developed under different scenarios. With the arrival of climatic changes that produce droughts or floods, plants will be highly affected. Therefore, to mitigate negative impacts, adaptation mechanisms must be established, which involve biochemical and physiological adjustments. In this sense, interactions with fungi, yeasts and bacteria will be important for the benefit of plants or their adaptation to the environment. The interest in understanding the mechanisms that underlie the phytopathogen–plant interaction has allowed us to advance the knowledge of biochemical and physiological aspects occurring not only at the plant level when responding to phytopathogen attack, but also regarding the changes that these pathogens present. In this Special Issue, we welcome colleagues to contribute critical review articles or original research articles that include biochemical and physiological aspects arising in this interaction, either by the plant or by the phytopathogen.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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