

Special Issue

Botrytis cinerea and Its Interaction with Host Plants during Infections

Message from the Guest Editors

The fungus *Botrytis cinerea* is widely known to cause destructive and therefore economically important plant diseases—especially in greenhouse crops and ornamentals—during their cultivation, storage, and distribution. In recent years, a great deal of depth has been made into the biology of the fungus at the genetic, transcriptomic, proteomic and metabolomic levels. In this way, it has been possible to identify genes such as pathogenicity and virulence factors, proteins secreted and used by the fungus to cause infection, as well as toxins and other metabolites synthesized by this fungus. Although many scientific advances have been made in the development of in vitro experiments, many groups are choosing to carry out in vivo experiments which are closer to reality, where the plant can develop its defense mechanisms. In this Special Issue, we want to collect articles from your research groups that study the attack mechanisms of this important fungus during plant infection or works related to the mechanisms of infection of fungus and mechanisms of defense of host plants, including all approaches possible: genomic, transcriptomic, proteomic and metabolomic.

Guest Editors

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Deadline for manuscript submissions

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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, and 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.

Editor-in-Chief

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