

## Special Issue

# Interactions between *Colletotrichum* Species and Plants

### Message from the Guest Editors

Anthrachnose is an important plant disease, caused by fungi belonging to the genus *Colletotrichum*, responsible for important losses in numerous and varied agricultural crops. The genus *Colletotrichum* encompasses wide and multi-level genetic variability, with diverse lifestyles and hosts and varied degrees of host specificity. Beside its economic impact, *Colletotrichum* is a model system for studying speciation, host adaptation × polyphagy and histopathology, but also epidemiology and crop protection. In recent years, the taxonomy of *Colletotrichum* has undergone profound changes, providing challenges and often new frameworks for host–fungus interaction studies. Genome sequencing has also entered *Colletotrichum* research, again providing powerful tools to better understand host–fungus interaction and ultimately disease resistance. This Special Issue on intends to bring together the state-of-the-art research on *Colletotrichum*–host interactions, with articles spanning all the way from the fungal genome through to host resistance, including epidemiological, histopathological, functional, ecological and agronomical aspects of these interactions.

### Guest Editors

Dr. Pedro Talhinhos

Linking Landscape, Environment, Agriculture and Food (LEAF), Instituto Superior de Agronomia, Universidade de Lisboa, Tapada da Ajuda, 1349-017 Lisboa, Portugal

Dr. Riccardo Baroncelli

Centro Hispano-Luso de Investigaciones Agrarias (CIALE), Departamento de Microbiología y Genética, Universidad de Salamanca, Calle del Duero, 12, 37185 Villamayor, Salamanca, Spain

### Deadline for manuscript submissions

closed (30 June 2020)



## Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/si/25887](https://mdpi.com/si/25887)

*Plants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[plants@mdpi.com](mailto:plants@mdpi.com)

[mdpi.com/journal/  
plants](https://mdpi.com/journal/plants)





# Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/journal/  
plants](https://mdpi.com/journal/plants)



## About the Journal

### 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

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

---

### 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, AGRIS, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)