

Special Issue

Plant Cell Wall Biology

Message from the Guest Editor

Plant cell walls are intricately involved in many processes in plants like cell morphogenesis and responses to biotic and abiotic stress; they also form the largest carbon sinks on the planet, and are of interest to society with respect to sustainable energy and food production. This situation ensures that cell wall-related processes are of interest to a large number of plant scientists while also making research challenging due to the chemical complexity of cell walls, their dynamic nature, and their involvement in many processes. Recent years have seen the development and application of novel analytical technologies, which have fundamentally changed the options of the community to investigate cell wall-related processes. This has led to exciting new insights into the processes modifying cell wall composition and structure as well as the contributions of cell walls to processes like plant-pathogen interactions and cell elongation. In this Special Issue, articles are welcome that provide both a snapshot of recent developments in the field and some indications of exciting future research areas.

Guest Editor

Prof. Thorsten Hamann

Department of Biology, Faculty of Natural Sciences, Norwegian University of Science and Technology, Høgskoleringen 1, 7491 Trondheim, Norway

Deadline for manuscript submissions

closed (31 May 2020)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/27228

Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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, 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)