

Special Issue

Biological Signaling in Plant Development

Message from the Guest Editors

Biological signals are essential for plant growth, adaptation, and reproduction. This complex network of signaling pathways involves dynamic interactions between hormones, gene expression, and environmental factors that regulate different stages of plant development from seed germination to flowering. These signals ensure proper plant growth and adaptation to changing environments. Therefore, an understanding of plant biological signaling is essential to elucidate the response mechanisms of cell differentiation, tissue formation, and exogenous stress. This Special Issue aims to explore the complex signaling networks underlying plant growth and development. It will provide a comprehensive overview of the latest advances in the field through a curated selection of state-of-the-art research articles, reviews, and expert opinions. We invite contributions that shed light on the intricate mechanisms and new insights into signaling regulation in plant biology.

Guest Editors

Prof. Dr. Klaus Palme

1. Faculty of Biology, Institute of Biology II/Molecular Plant Physiology, University of Freiburg, 79104 Freiburg, Germany
2. Centre for BioSystems Analysis, BIOS Centre for Biological Signalling Studies, University of Freiburg, 79104 Freiburg, Germany

Dr. Maren Müller

Department of Evolutionary Biology, Ecology and Environmental Sciences, Faculty of Biology, University of Barcelona, 08028 Barcelona, Spain

Deadline for manuscript submissions

30 June 2026



Plants

an Open Access Journal
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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/216048

Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

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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

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

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