

Special Issue

Phytomorphology, Anatomy and Ultrastructure

Message from the Guest Editors

This Special Issue explores the various aspects of plant morphology, describing floral and non-floral organs. The comparative examinations of plant structures between species (taxonomy and phylogenetics) indicate the evolution of homologous features, as they came from the same ancestor or convergent as a result of environment pressure (e.g., pollinators). The juxtaposition of macro- and micromorphology with tissue anatomy, histochemistry, ultrastructure, and chemistry between representatives of even different plant genera provides insight into processes and mechanisms. The flower morphology joined with fragrance increases the influence on pollinator visits. In this Special Issue, manuscripts (original research papers, perspectives, opinions, reviews, and methods) that focus on plant morphology, especially comparative morphology with other results, at all levels of research, including taxonomy, macro- and micromorphology, plant anatomy, histochemistry, cell ultrastructure, phylogenetics, physiology, chemistry, and pollination biology, are most welcome.

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)



Plants

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



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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.

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