Special Issue

Root Tropisms: New Insights Leading the Growth Direction of the Hidden Half

Message from the Guest Editors

Root tropisms are essential responses of plants, orienting growth according to a wide range of stimuli of varying strengths and directions throughout the life cycle. Recently, considerable attention has been paid to plant tropisms considering that a deeper knowledge is indispensable to improve plant-based life support systems for future space programs, but also to increase the efficiency of the root apparatus in water and nutrient uptake in crops on Earth.1

Guest Editors

Prof. Dr. Giovanna Aronne Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, 80055 Naples, Italy

Dr. Luigi Gennaro Izzo

Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, 80055 Portici, Italy

Deadline for manuscript submissions

closed (1 July 2022)



Plants

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 6.5 Indexed in PubMed



mdpi.com/si/62147

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

mdpi.com/journal/

plants





Plants

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 6.5 Indexed in PubMed



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 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)