

Special Issue

Plant Ribosome Biogenesis

Message from the Guest Editor

Nobody will argue against the importance of ribosome biogenesis. In general, ribosome maturation in bacteria and in, e.g., yeast is well described at a functional and structural level. However, we in the plant field are currently at an early but advancing state to understand the multiple dimensions of rRNA maturation in plants. Ever since the discussion of cytosolic ribosome maturation in plants started, certain distinctions to other systems have been described. Moreover, recent discoveries show a high complexity of ribosome biogenesis in plants as it occurs three times in one cell—in the nucleus, mitochondria, and chloroplasts. Lately, it was, for example, suggested that mitochondrial ribosomes have an atypical structure or that a link between protein translocation and rRNA processing in chloroplasts exists. Thus, to enhance the visibility of the activity of the “Plant Ribosome Biogenesis Community”, a Special Issue has been organized. We aim to collect original research articles and reviews on recent topics in plant cytosolic, mitochondrial, and plastidic ribosome biogenesis.

Guest Editor

Prof. Dr. Enrico Schleiff

1. Goethe Univ Frankfurt, Dept Biosci, Mol Cell Biol Plants, D-60438 Frankfurt, Germany
2. Frankfurt Institute for Advanced Studies, Ruth-Moufang-Straße 1, 60438 Frankfurt am Main, Germany

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/31351

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)