

Special Issue

mRNA Metabolism in Plants

Message from the Guest Editors

Recent extraordinary advances in our understanding of eukaryote messenger RNA (mRNA) metabolism, in part linked to the huge development of high-throughput approaches such as RNA sequencing, ribosome profiling, degradome or RIP sequencing revealed how important fine-tuning the mRNA life cycle is to proper gene expression and, more generally, organism development and stress responses. The primary purpose is this Special Issue of *Plants* is to highlight these latest advances in the fast-developing area of mRNA metabolism in plants. All aspects of mRNA metabolism will be considered, including but not limited to translation regulation, mRNA modifications, mRNA splicing, and RNA-binding proteins regulation. This Special Issue invites submissions that describe new aspects related to mRNA metabolism in different plant organisms in response to stress (biotic or abiotic) or across development. Original research papers, methods, reviews, and perspectives are welcome.

Guest Editors

Prof. Dr. Jean-Marc Deragon

Laboratoire Génome et Développement des Plantes, LGDP, UMR5096, CNRS/Université de Perpignan, 66860 Perpignan, France

Dr. Rémy Merret

Laboratoire Génome et Développement des Plantes, LGDP, UMR5096, CNRS/Université de Perpignan, 66860 Perpignan, France

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/29429

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, 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

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)