

# Special Issue

## Plant DNA Barcode

### Message from the Guest Editor

Plant DNA barcoding launched only in 2009 when the core of two DNA regions from the chloroplast, RuBisCO large subunit (*rbcL*), and group II intron maturase (*matK*) genes were accepted by CBOL Plant Working Group for land plants. Since the adoption of the loci to be used in plant DNA barcode work, intense research has focused on their effectiveness, integration with High Throughput Sequencing (HTS) methods, and application to a wide range of basic and applied research. The subjects covered are hugely diverse, and include biodiversity surveys, taxonomic revisions, and ecological and agricultural applications to the area of metagenomics. This Special Issue encourages the authors to submit their original research papers, methods, perspectives, opinions, and reviews related to the different aspects of plant DNA barcoding: building the reference library of life, whole plastome and total genome sequencing, biosystematics, metabarcoding, eDNA, aDNA, dietary analysis, food webs, pollination, the authentication of food and food supplements, conservation, community phylogenetic, ecology and evolution, and the international rules and regulations for sequencing data sharing.

### Guest Editor

Dr. Maria (Masha) Kuzmina

Center for Biodiversity Genomics, University of Guelph, Guelph, ON N1G 1P4, Canada

### Deadline for manuscript submissions

closed (31 January 2020)



## Plants

an Open Access Journal  
by MDPI

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/si/24122](https://mdpi.com/si/24122)

*Plants*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[plants@mdpi.com](mailto: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)