



"Rollback of GMO Regulations" for Food and Fibre Crops

Guest Editor:

Dr. Robert J. Redden

RJR Agriculture Consultants, 62
Schier Drive, Horsham, VIC 3401,
Australia

Deadline for manuscript
submissions:

closed (20 November 2021)

Message from the Guest Editor

Dear Colleagues,

By 2050, at which point the human population is expected to have grown to beyond 9 billion, a 70–100% increase in food production is needed, even as the world continues to warm and have more abiotic and biotic stresses impacting crop production.

Crop improvement will face increasing challenges from climate change, and crops will need to be more resilient. Genome editing offers a more precise and easier means of modifying plant genomes than previously, enabling linkage drag of unwanted DNA to be excluded, and provides new opportunities for manipulation of gene expression. Options include switching genes on or off, base pair insertion or deletion, epigenetic changes, and interspecific DNA transfer.

However, GMO crops/microbes for the production of pharmaceuticals, hormones, and other medicinals for humans and animals should be separated into a different category and must remain subject to GMO regulatory risk assessment for their impact on health and on the environment.





plants



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

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.

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](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

Contact Us

Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)