



Molecular Genetics, Genomics and Biotechnology of Crop Plants Breeding - Series II

Guest Editor:

**Prof. Dr. Søren Kjærsgaard
Rasmussen**

Department of Plant and
Environmental Sciences,
University of Copenhagen,
Thorvaldsensvej 40, DK-1871
Copenhagen, Denmark

Deadline for manuscript
submissions:

closed (31 March 2021)

Message from the Guest Editor

Dear Colleagues,

Breeding crop plants for end-product use is greatly facilitated by DNA molecular markers. Quality traits of the top 10 grain crops that feed the world have to be maintained during breeding programmes to fulfil consumer expectations. Cost-efficient sequence technologies are available that allow markers to be developed even for orphan crops. Marker-assisted selection also facilitates the introgression of new site-directed mutation developed in a pre-breeding line into elite cultivars. Molecular markers make it possible to monitor F1 hybrid seed production and authenticity of plant-based products.

We welcome research papers and reviews on the use of molecular marker technologies, genomics selection, site-directed mutagenesis, gene-discovery by genome-wide association studies, and biotechnology in crop plants.

Prof. Søren Kjærsgaard Rasmussen
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

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), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi