







an Open Access Journal by MDPI

Molecular Mechanisms of Maize Response to Environmental Challenges

Guest Editor

Dr. Serena Varotto

Department of Agronomy Animal Food Natural Resources and Environment (DAFNAE), University of Padova, Viale dell'Università, 16, 35020 Legnaro (PD), Italy

Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editor

Dear Colleagues,

In recent years, researchers working on maize response to environmental challenges have produced many molecular data on gene expression and regulation during plant growth and development.

All these data demonstrate that stress response and adaptation have important implications on maize productivity in the context of climate changes. Therefore, it is pivotal to collect and integrate all information to develop a suitable tool for breeding more resilient maize varieties.

Prof. Serena Varotto *Guest Editor*













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us