



an Open Access Journal by MDPI

# Morphology and Physiology of Seeds and Other Plant Storage Tissues 2.0

Guest Editors:

### Prof. Dr. Eva Stoger

Department of Applied Genetics and Cell Biology, University of Natural Resources and Life Sciences, 1190 Vienna, Austria

#### Dr. Elsa Arcalis

Department of Applied Genetics and Cell Biology, University of Natural Resources and Life Sciences, 1190 Vienna, Austria

Deadline for manuscript submissions: closed (30 September 2022)

## **Message from the Guest Editors**

Dear Colleagues,

Seeds and other storage organs accumulate high amounts of reserves needed for germination in a relatively small volume. The specialization of seed tissues for the storage of starch or lipids and proteins makes them very attractive from a cell biology point of view. Moreover, the importance of seeds as human feedstock points out the relevance of research on agricultural trait improvement and stress resistance.

This Special Issue of the *International Journal of Molecular Sciences* will focus on recent research on the morphology and physiology of seeds and other plant storage tissues. Potential topics include endomembrane trafficking, storage organelle development, the analysis of storage compounds, starch and oil body biogenesis, and seed trait improvement.

Prof. Dr. Eva Stoger Dr. Elsa Arcalis *Guest Editors* 









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 (Organic Chemistry)

# **Contact Us**

International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/ijms ijms@mdpi.com X@IJMS\_MDPI