## **Special Issue**

## Sugar Signaling in Plants and Its Interaction with Phytohormones

## Message from the Guest Editor

"Sugar signalling and its interaction with phytohormones" are crucial for plants' growth and development. Therefore, plant biologists are interested in the critical role that sugar, alone or in combination with other endogenous signals, plays throughout plants' lives. This Special Issue covers the following topics:

- Sugar sensing and signal transduction pathways;
- Cross-talk between sugar and hormone signalling pathways;
- Cross-talk between sugar and hormone signalling pathways under adverse environmental conditions;
- Cross-talk between sugar and hormone signalling pathways in plant development;
- Cross-talk between sugar and hormone signalling pathways in plant nutrition.

## **Guest Editor**

Prof. Dr. Soulaiman Sakr

Research Institute of Horticulture and Seeds, Agrocampus-Ouest, INRA and Angers University, 49035 Angers, France

### Deadline for manuscript submissions

closed (20 January 2025)



# International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/174819

International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijms@mdpi.com

mdpi.com/journal/ ijms





# International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





## 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.

#### **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

#### **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)

