



an Open Access Journal by MDPI

Calcium Signals in Plant Cells

Guest Editor:

Prof. Dr. Stanley J Roux

The University of Texas at Austin,
College of Natural Sciences, 100
E. 24th Street Stop A5000 Austin,
TX 78712, USA

Deadline for manuscript
submissions:

closed (30 November 2018)

Message from the Guest Editor

Dear Colleagues,

The second messenger calcium is central to a vast array of signalling pathways in plants. In particular, calcium acts to ensure appropriate recognition of primary stimuli to activate the appropriate plant response. Understanding the mechanisms underpinning calcium signalling is of both academic and agricultural importance. This Special Issue will explore the key concepts and questions of the moment, namely: How calcium are signals generated? How is information encoded through calcium? How is information transmitted through calcium signalling decoded by plant cells? How does calcium regulate responses to primary information from the environment, such as stress, and to endogenous signals such as circadian clock?

Prof. Dr. Stanley J Roux
Guest Editor



mdpi.com/si/10151

Special Issue



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

*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