

Special Issue

Calcium Signals in Plant Cells

Message from the Guest Editor

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?

Guest Editor

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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.

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