

Special Issue

Fruit Physiology through Signaling Processes: Latest Advances and Future Challenges

Message from the Guest Editors

During all physiological events in living beings, including plants, a series of molecular interactions occur as a consequence of signaling process networks. This biological logistic develops a sequential stepwise communication that involves a signal emitting source (a biochemical reaction inside either a cell or a tissue), the signal unit (commonly a simple molecule), and a receptor/target (usually a recognition molecule). Fruits are amazing plant organs that occur at the final steps of the sexual reproductive chain in plants. From pollination to the emergence of new generations, many metabolic changes occur that participate in the setting, growth and development, ripening, and senescence of fruit. This Special Issue attempts to cover all issues relating to the signaling chains taking part in the metabolism of climacteric and nonclimacteric fruits, considering all physiological stages, the molecular mechanisms involved, or the identification and/or proposal of new molecules with signaling capacity.

Guest Editors

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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.

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