



New Insight into Signaling and Autophagy in Plants

Guest Editors:

Dr. Sławomir Borek

Department of Plant Physiology,
Faculty of Biology, Adam
Mickiewicz University, Poznań,
Uniwersytetu Poznańskiego 6,
61-614 Poznań, Poland

**Dr. Małgorzata Pietrowska-
Borek**

Faculty of Agronomy,
Horticulture and Bioengineering,
Poznań University of Life
Sciences, Poznań, Poland

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Message from the Guest Editors

One of the processes that enable plants to respond efficiently to a changing environment, both internal and external, is autophagy. The efficient functioning of autophagy ensures proper growth and development of plants at every stage of ontogenesis. Under normal conditions, autophagy is a housekeeping process, allowing the recycling of damaged or unnecessary organelles and protein complexes, and under various types of biotic and abiotic stresses can be an essential element of plant defense responses. The autophagic turnover of organelles and protein complexes occurs in a controlled and selective manner. The attention of many scientists is currently focused on identifying the elements of signaling pathways and the mechanisms of marking, recognizing, and directing particular cell components to autophagic degradation in the vacuole.

This Special Issue will publish original research papers, reviews, short reviews, opinion articles, and hypotheses within the scope of the newest discoveries in signaling and autophagy in plants. In particular, we welcome papers showing molecular data on signal perception and transduction as well as selective types of autophagy in plants.





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Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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