

Special Issue

Regulation of Physiological and Morphological Responses to Plant Nutrient Deficiencies

Message from the Guest Editors

To cope with nutrient deficiencies, plants develop both morphological and physiological responses. The regulation of these responses is not totally understood, but some hormones (ethylene, auxin, gibberellins, cytokinins, jasmonate, etc.) and signaling substances (microRNAs, nitric oxide, GSH, GSNO, oxygen reactive species, etc.) have been implicated. To confer specificity to each nutrient deficiency, hormones and signaling substances should interact among them in a specific way or they can act through different transduction pathways. Papers submitted to this Special Issue must report novelty results, new regulation working models, and the latest findings related with the regulation of the nutrient deficiency responses, mainly focused on the interactions among hormones and other substances to confer specificity to the responses.

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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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