

## Special Issue

# New Insights into Fe Localization in Plant Tissues, Cells and Organelles

### Message from the Guest Editor

Iron (Fe) is one of the most important metal atoms involved in the metabolic activities of plant cells. Incorporated in prosthetic groups of proteins, such as hemes and sulfur clusters, or directly bound to amino acids, iron has a central role in many cellular processes requiring electron transfer reactions (photosynthesis, respiration, redox reactions, enzymatic pathways, etc.). The correct allocation of Fe to the different subcellular compartments is, thus, a vital process for maintaining optimal function of the cell. This Special Issue of *Plants* is, therefore, devoted to highlighting new insights in iron localization in plants, from organs down to organelles, with the objective of having an up-to-date understanding of several aspects of Fe localization, such as, but not restricted to, new probes, analytical techniques for imaging and speciation, sites of Fe accumulation, ligands, and transporters.

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### Guest Editor

Dr. Stéphane Mari

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### Deadline for manuscript submissions

closed (31 December 2020)



## Plants

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## About the Journal

### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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