

## Special Issue

# Imaging Tools for the Plant Sciences

### Message from the Guest Editor

This special issue will focus on new approaches to imaging, covering a wide range of macro-, micro- and nano-related techniques applied specifically to the study of plants. Examples include (but are not limited to) fluorescence microscopy (widefield, confocal, lifetime, super-res, light sheet), light, chemical (IR/Raman/EDX mapping and chemical probes), electron (cryo, fixed, block face imaging), X-ray, mechanobiology (AFM, Brillouin, mechanical probes), sample preparation (including microfluidics) and various methods of dealing with the data (3D visualisation, segmentation, big data, correlative data).

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### Guest Editor

Dr. Raymond Wightman

Microscopy Core Facility, Sainsbury Laboratory, University of Cambridge, Bateman Street, Cambridge CB2 1LR, UK

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### Deadline for manuscript submissions

closed (15 March 2022)



## 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, and 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

Prof. Dr. Dilantha Fernando  
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