Special Issue

Microfluidic Systems in Plant Research

Message from the Guest Editors

Microfluidics have turned out to be versatile tools for plant research and plant breeding. The development of microfluidic devices has facilitated the analysis of roots, as well as analyses of the single level and cell fusions. Accordingly, the devices have broad functionalities and sizes and have been applied for model plants and many crops. Thus, their applications range from fundamental research to crop improvement. In many cases, a strong partnership has evolved between quantitative microscopy and microfluidics. This Special Issue of *Plants* about microfluidics in plant research will demonstrate the versatility and sum up the advantages of microfluidics in plant science.

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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.

Editor-in-Chief

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