

## Special Issue

# Genetics of Seed Germination and Growth

### Message from the Guest Editor

The ability of a seed to germinate and establish a plant at the right time of year is of vital importance from an ecological and economical point of view. It is clear now that germination and early growth are intimately linked to previous events occurring in the mother plant and influenced by environment. One way to store the information provided by interaction between genotype and environment is to modify the chromatin landscape. The discovery of new players and deeper insights about known master regulators, have also contributed to a better understanding of germination. New information coming from studies on hormone transport, signaling, and biophysical and mechanical tissue properties are shedding new light on the relevance of tissue specific regulation and their interplay. The aim of this Special Issue is to publish papers providing new findings or views about the genetics and biology of seed germination in model and crop species. Additional research on this important developmental stage in the plant life cycle will help deepen our knowledge on important regulatory networks, and discover new associations that will surely aid to improve crop yield.

### Guest Editor

Dr. Luis Oñate-Sánchez

Centro de Biotecnología y Genómica de Plantas (UPM-INIA), Campus Montegancedo, Autopista M40, km 38, Pozuelo de Alarcón, 28223 Madrid, Spain

### Deadline for manuscript submissions

closed (10 February 2020)



## Plants

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*Plants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[plants@mdpi.com](mailto:plants@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

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