



Genetics of Seed Germination and Growth

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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