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Advances in Seed Physiology

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Message from the Guest Editors

Seeds are the primary structure of dormancy and dispersal of plant species. During seed germination, molecular and biochemical regulation processes occur that determine progress in the stages of imbibition and anatomical development that leads to root protrusion and the beginning of the vegetative development of the seedling. Knowledge of the properties of dispersion and resistance of the seeds and the morphological, physiological, and molecular processes involved in the regulation of germination are essential requirements for the understanding of large-scale processes such as the distribution of species and the effect of climate change on seeds, or on a smaller scale, the understanding of the structural and physiological factors that regulate germination and the stressors that reduce the vigor and viability of seeds. The purpose of this Special Issue is to bring together the contributions of authors interested in the subject, to finetune the current state of the art in seed physiology and, to constitute a conceptual and methodological framework for the development of strategies for the propagation and conservation of germplasm in seed banks.



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Special *Issue*



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Message from the Editor-in-Chief

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