

Special Issue

Regulation of Seed Germination and Dormancy

Message from the Guest Editors

Seed germination is a trait fundamental to the lifecycle of a plant that is also tightly associated with the productivity of agricultural crops. It is controlled by interactions of diverse endogenous and exogenous factors. Levels of physical (e.g., coat) or intrinsic (e.g., embryo) dormancy embedded in the seed variably affect successful germination in many plant species. Although studies using a model plant such as *Arabidopsis* have begun to shed light on mechanistic insights, the regulation of germination and dormancy for agricultural crops still remains to be elucidated. As the availability of recent technologies to understand biological processes expands, this Special Issue will cover physiological, molecular, metabolomic, transcriptomic, proteomic, and functional studies that control seed germination and dormancy of agricultural crops.

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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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