

Special Issue

Seeds: Chips of Agriculture

Message from the Guest Editors

Seeds are a cornerstone for higher plant genetic resource storage and dissemination in the wild and agriculture. They are key starting materials for most human food production and have high potential as innovative raw materials for biotechnology. This Special Issue will focus on the effects of stresses experienced during seed development, maturation, burial, and post-harvest treatments that modify seed physiological/morphological characteristics or seedling establishment. The originality of the scope is in the effort to gather different scales of analyses to provide mechanistic/molecular hypotheses associated with modified seed/seedling traits. We strongly encourage the submission of molecular, (epi)genetic, and omics studies that provide a deeper understanding of seed/seedling quality determinism/adaptation or failure and non-adaptative behaviors. Reports on new models/methodologies significantly advancing seed quality research efforts are welcome.

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