



## Recent Advances in Modern Seed Technology

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### Message from the Guest Editors

In the vast majority of plant species, seed formation is the final stage of ontogenesis. The seeds that arose during the long evolution of plant organisms concentrated the signs of the species and acquired various adaptations that enabled reproducing their own kind.

Plant growers strive to increase the yield of seeds and improve their quality by means of various measures. The whole chain of processes occurring in the forming seeds, the specifics of their maturation and subsequent dormancy, the patterns of seed germination and their transformation into a new plant have constantly been in the field of view of plant physiologists.

However, seeds as objects of research are also important for technologists. For technologists, seeds are the basis of the technological processes of testing, the identification of substandard seeds, grading, activation, pelletizing, seeding and other processes carried out using modern techniques and technical means.

This Special Issue is focused on (but not limited to) modern technologies in seed production, and will cover the following headings :

- **Seed physiology**
- **Seed enhancement**
- **Seed quality**
- **Plant ontogenesis from enhancement seeds**





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## Message from the Editor-in-Chief

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