

Special Issue

Advances in Seed Development and Germination

Message from the Guest Editors

Seeds are a significant object of global research that covers many areas, from fundamental studies on seed structure, physiology, biochemistry, and genetics to practical agricultural applications, as well as food and feed production. Understanding seed development and germination is fundamental to improving crop yield and ensuring food security in the face of various global challenges, such as climate change and soil degradation. While this Special Issue will cover a broad spectrum of topics, we particularly encourage submissions that focus on the molecular underpinnings of seed metabolism during development and germination. Your contributions will be instrumental in advancing our understanding of seed biology on topics including the following: Genetic and epigenetic control of seed development and germination; Hormonal regulation during seed maturation and germination; The impact of abiotic and biotic stresses on seed performance; Cutting-edge techniques for enhancing seed viability and vigor; Advances in seed treatment and storage for sustainable agriculture.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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