

Special Issue

Meristem and Stem Cells and Stem Cell Regulation in Plants

Message from the Guest Editor

Dear Colleague, The applications of genetic and various molecular approaches to study plant meristems have uncovered some of the molecular mechanisms underlying meristem establishment and maintenance. In this Special Issue, we wish to highlight these mechanisms and the bearing environmental signals might have on the structure and function of these meristems. We invite papers addressing various molecular aspects of meristem (apical, intercalary, or lateral) organization, establishment, and maintenance, with a focus on the effects of internal and environmental signals. We encourage papers addressing the genetics of plant meristems, the role of plant hormones in meristem structure and function, how stress shapes the meristem, and how epigenetics regulates meristem organization and function.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)



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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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