

Special Issue

Advances in Somatic Embryogenesis Plant Cell Differentiation

Message from the Guest Editors

The study of somatic embryogenesis (SE) is one of the topics in biology that has most developed in recent years. However, various aspects of this extraordinary differentiation process remain to be understood. There are a wide variety of questions that are still unanswered.

Why are there differences in SE induction between monocotyledonous and eudicotyledon plants? What is the signaling mechanism that leads to SE? There are many other questions similar to those above.

Additionally, SE has various applications, such as the mass propagation of elite plants, the production of artificial seeds, and its use to study the various aspects of embryo formation. For all these reasons, we call on our colleagues in the scientific community who study SE to publish their research progress in this Special Issue.

Guest Editors

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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, and 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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