



Special Issue on Plant Tissue Culture

Call for Papers

Plant tissue culture technology has been widely used for large scale plant multiplication. Apart from their application in research, plant tissue culture techniques have become the major way of plant propagation, disease elimination, plant improvement and production of secondary metabolites. Small pieces of tissue which named explants can be used to produce hundreds and thousands of plants in a continuous process. A single explant can be multiplied into several thousand plants in relatively short time period and space under controlled conditions, irrespective of the season and weather. What's more, some endangered and rare species have successfully been grown and conserved by micropropagation. As **plant tissue culture** has played quite important role in agricultural development and productivity, it's of great interest to researchers.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **plant tissue culture**. Potential topics include, but are not limited to:

- Plant tissue culture technology
- Choice of explant
- Tissue culture medium and condition
- Plant regeneration
- Plant totipotency
- Embryo culture
- Hairy root cultures
- Genetic transformation
- Cases of plant tissue culture
- Protoplast fusion
- Haploid and polyploidy
- Applications and prospect
- Problems and limitation

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue - Plant Tissue Culture**" should be chosen during your submission.



According to the following timetable:

Submission Deadline	September 18th, 2014
Publication Date	November 2014

Guest Editor:

For further questions or inquiries
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