

Special Issue on
Trends on Plant Growth Promoting Microorganisms

CALL FOR PAPERS

Several microorganisms have the potential to promote the plant growth and they could be applied in field to increase crop yield. However, to make microbial inoculants available to improve crop performance, further research is required, covering studies like the isolation of microorganisms, potential mechanisms to carry out the plant growth promotion, chemotaxis towards the host, survival under stress conditions, microorganisms-plant interaction, large-scale production, and application in field.

To date, there are several advances about this scope, and frontier research has been developed to gain insights into the molecular mechanisms used by microorganisms to perform their capacities; furthermore, large-scale processes have been developed for industrial purposes.

The purpose of this special issue is to bring together quality-research articles and reviews on recent development of basic and applied research related to Plant Growth Promoting Microorganisms, as well as the relevant prospect on opportunities and challenges.

Potential topics include but are not limited to the following:

- ▶ Isolation and molecular characterization of Plant Growth Promoting Microorganisms (PGPM)
- ▶ Molecular mechanisms to stimulate the growth of plants by PGPM
- ▶ Chemotaxis of PGPM
- ▶ Survival and competitiveness of PGPM
- ▶ Large-scale production of PGPM
- ▶ Agricultural application of PGPM

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/bmri/microbiology/tbm/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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Submission Deadline

Friday, 17 November 2017

Publication Date

April 2018