



Microbiology Applied to Crop Systems

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Message from the Guest Editors

Dear Colleagues,

Microorganisms(in particular PGPM)are promising for the development of effective and environmentally friendly microbiological plant growth regulators and antidotes based on them. However, the effectiveness of PGPM strongly depends on the circumstances in which they are used.

The effect of combining microbial stimulants or biopesticides with a variety of traditional and innovative agricultural practices, including herbicides, insecticides, fungicides, fertilizer, no-till, drip irrigation and others; microbiomes of soil, rhizosphere and phyllosphere during these agricultural practices; the potential for microbiological transformation and detoxification of pesticides; mitigating of pesticide pressure on plants by microbiological agents are scientific questions that are primarily discussed in this Special Issue. Additionally, the scientific contribution to the investigation of the crop-PGPM interactions under stress caused by unfavorable natural and anthropogenic factors is approved. Original research manuscripts as well as reviews are welcome and interdisciplinary and field research is encouraged.





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Message from the Editor-in-Chief

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