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Microbial Inoculants for Biofertilizers and Biopesticides

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Deadline for manuscript submissions:
closed (20 July 2021)

Message from the Guest Editor

Microbial biopesticides show many advantages beyond their eco-friendly nature. They target one specific pest, are usually unharmful to other species, and their properties can be optimized using a proper formulation strategy. Microbial biocontrol agents have been introduced, Together with digital technologies, such as sensory tools and weather stations, cultural methods and improved formulations and delivery equipment efficacy can be maximized with a minimal input of materials and cost.

On the other hand, microbial inoculants, including nitrogen fixing rhizobacteria or phosphate solubilizing/mobilizing microbes, can positively improve plant nutrient uptake, and protect the plant from environmental stresses and pathogens.

The aim of this Issue is to show the potential of microbial fertilizers and biocontrol agents using bacteria or fungi for plant growth promotion, disease treatment, or pest control. Manuscripts dealing with the field evaluation of effective microbial strains, formulation development, delivery methods, integrated pest management, and various applications in the area of biofertilizers and biopesticides will be considered.

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Message from the Editor-in-Chief

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