

Special Issue

Application of Microorganisms in Biocontrol and Growing Conditions in Vegetables

Message from the Guest Editors

Microorganisms exert their actions through different mechanisms: (i) direct supply of nutrients, such as nitrogen fixation or phosphate solubilization, (ii) modulation of the physiological state of the plant through the production of phytohormones, (iii) the induction of immune responses, and (iv) protection against plant diseases. In this sense, some microorganisms are able to act as biocontrol agents against phytopathogens through the secretion of diffusible molecules, volatile organic compounds (VOCs), and cell wall degrading enzymes, amongst others. In this Special Issue, we welcome manuscripts on the incorporation of microorganisms in fertilization schemes of vegetable crops, analyzing those aspects related to the quantitative and qualitative improvement of production, their use as biocontrol agents in vegetable crop management, and those technical aspects related to their use in greenhouse and field conditions.

Guest Editors

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Dr. Esther Menéndez

Deadline for manuscript submissions

closed (20 March 2022)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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