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Plant Responses to Bacterial Pathogens

Guest Editors:

Dr. Jose Rufian

Instituto de Hortofruticultura Subtropical y Mediterránea "La Mayora" (IHSM-UMA-CSIC). Departamento of Plant-Microorganism-Insect Interactions, 29010 Málaga, Spain

Dr. Diego López Márquez

Department of Biology, Computational and RNA Biology Section, University of Copenhagen, DK-2200 Copenhagen, Denmark

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Message from the Guest Editors

Dear Colleagues,

Plant pathogenic bacteria are the causal agents of a variety of diseases that affect a wide range of crops, resulting in a reduction in yields and, thus, a detrimental effect on agriculture. Perceiving pathogenic bacteria is essential for the plant to raise alert and trigger a convenient response. Bacterial pathogens deploy an arsenal of virulence factors including, among others, effector proteins, toxins and degradative enzymes that target different plant pathways to suppress plant immunity and to adapt to the environment in order to promote bacterial proliferation.

This Special Issue aims to address the diverse responses induced by pathogenic bacteria upon interaction with the plant, including immune responses activated to curb bacterial infection, but also the responses resulting from bacterial manipulation of the host by virulence factors.













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Editor-in-Chief

Prof. Dr. Dilantha FernandoDepartment of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2. Canada

Message from the Editor-in-Chief

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