Special Issue

Functional Genomics of Crop-Microbe Interactions

Message from the Guest Editors

In this Special Issue, we aim to publish high-quality research articles and reviews related to all aspects of the functional genomics of crop-microbe interactions, including but not limited to, the integrative omics (megagenomics, comparative genomics, transcriptomics, metabolomics, and proteomics) to study the interactions between crop plants and microorganisms (beneficial ones or pathogens), and the identification and validation of important genes and their products from both hosts and microbes (strains, proteins, small molecules and other types of metabolites) with great potentials in the enhancement of crop fitness advantages or microbial functions. The new theories and technologies related to crop-microbe interactions are also within the scope of this issue.

Guest Editors

Prof. Dr. Xiquan Gao

State Key Laboratory of Crop Genetics & Germplasm Enhancement and Utilization, College of Agriculture, Nanjing Agricultural University, Nanjing 210095, China

Dr. Dayong Zhang

National Key Laboratory of Crop Genetics & Germplasm Enhancement and Utilization, Cotton Germplasm Innovation and Application Engineering Center, The Ministry of Education, College of Agriculture, Nanjing Agricultural University, Nanjing 210095, China

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Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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