





an Open Access Journal by MDPI

Genetic Diversity and Pathogenic Mechanisms in Plant Pathogenic Bacteria

Guest Editor:

Dr. Xiaolong Shao

College of Plant Protection, Nanjing Agricultural University, Nanjing 210095, China

Deadline for manuscript submissions:

31 January 2025

Message from the Guest Editor

Dear Colleagues,

Food security is a fundamental issue of global concern and an eternal topic. However, as one of the most important plant diseases, plant bacterial diseases seriously harm and threaten the safety, quality, and yield of global plant production, resulting in huge economic losses. Exploring the genetic diversity of plant pathogenic bacteria and revealing their pathogenic mechanisms can help us identify new control targets and then develop new chemical pesticides or biological pesticides, laying a theoretical foundation for the comprehensive prevention and control of the outbreak and epidemic of these diseases.

The purpose of this Special Issue is to collect the latest scientific advances related to the genetic diversity and pathogenic mechanisms of plant pathogenic bacteria and the discovery of new targets for control.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us