

Special Issue

Epidemiology of Plant Pathogenic Bacteria

Message from the Guest Editor

Plant pathogenic bacteria are among the main causes of damage to crops everywhere. The global circulation of seeds, tubers, potted plants, and plant parts have largely augmented the risk of their introduction in new areas, as well as the possibility of causing unexpected disease outbreaks. Climate change also poses risks for the adaptation of particular pathogen populations to new environments. The knowledge of how these microorganisms colonize and multiply within crops and how they spread in the environment is a fundamental prerequisite for obtaining a satisfactory control of disease. For sustainable field control, an understanding of the pathogen cycle of disease is particularly important for tailoring the forecasting models and precision farming tools, and for the distribution of the biocontrol agents and products to the crops. Molecular epidemiology can provide basic information on the pathogen population structure and virulence factors. This Special Issue aims to provide new and updates information on the various aspects of plant pathogenic bacteria epidemiology. Research articles, communications, and reviews are accepted formats.

Guest Editor

Dr. Marco Scortichini

Council for Agricultural Research and Economics-Research Centre for Olive, Fruit and Citrus Crops, Via di Fioranello, 52, I-00134 Roma, Italy

Deadline for manuscript submissions

closed (20 February 2024)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/122289

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

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

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

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 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)