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Molecular Variability of Crop Pathogens

Guest Editors:

Dr. Marta Nunes Da Silva

CBQF – Centro de Biotecnologia e Química Fina – Laboratório Associado, Escola Superior de Biotecnologia, Universidade Católica Portuguesa, Rua Diogo Botelho 1327, 4169-005 Porto, Portugal

Dr. Carla Sofia Sancho Dos Santos

CBQF–Centro de Biotecnologia e Química Fina–Laboratório Associado, Escola Superior de Biotecnologia, Universidade Católica Portuguesa, Rua Diogo Botelho 1327, 4169-005 Porto, Portugal

Deadline for manuscript submissions:

closed (20 January 2023)

Message from the Guest Editors

Crops account for over 80% of the human diet, but plant diseases and pests are responsible for up to 40% of loss in food production worldwide. Food shortage caused by crop pathogens can lead to increased food insecurity, particularly in populations deeply dependent on plant-based diets. This subject is of particular concern under predicted scenarios of climate change, which could alter the genetics, prevalence and virulence of crop pathogenic organisms.

This Special Issue aims to uncover the influence of genetic and environmental factors on the molecular variability of crop pathogens (including fungi, bacteria, phytoplasmas, viruses, and nematodes) that underpin disease incidence and spread. We welcome original research articles, review articles, perspectives, opinions and methodological articles focusing on the molecular mechanisms involved in the crosstalk between pathogens and crops that could support effective disease management strategies.



mdpi.com/si/108411

Special Issue



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Editor-in-Chief

Prof. Dr. Kenneth J. Moore

Department of Agronomy, Iowa
State University, Ames, IA 50011,
USA

Message from the Editor-in-Chief

Crops (ISSN 2673-7655) is an international, peer-reviewed, open access journal. It publishes original articles, critical reviews, and short communications in every aspect of crop science. The journal invites contributions concerning production, improvement and utilization of all plants that are grown as crops including grains, oilseeds, forages, vegetables, fruits, nuts, and those grown for industrial uses. Our aim is to publish timely experimental and theoretical research results in a rapid and readily accessible manner. Every published article is made immediately available worldwide with free and unlimited access to everyone. If you want your work to reach a global audience of crop scientists, we invite you to submit a paper *Crops*, the international journal of crop science.

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Crops Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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