

Special Issue

Biological Control of Vegetable Diseases and Bacterial Molecular Biology

Message from the Guest Editors

Vegetable diseases are caused by a broad range of plant pathogens and are responsible for losses in yield and/or quality, directly affecting profits and food security at household, national, and global levels. Biological control is the control of disease by the application of biological agents to vegetable plants in order to prevent pathogens from causing disease to develop. With regard to plant diseases, biocontrol agents are usually bacterial or fungal strains which have been isolated from the endosphere or rhizosphere. The degree of disease suppression achieved with biological agents can be comparable to that achieved with chemicals. In this Special Issue, we highlight recent advances in the biological control of vegetable diseases and bacterial molecular biology.

Guest Editors

Dr. Lei Li

Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Dr. Xiaofeng Zhou

School of Agriculture and Biotechnology, Sun Yat-Sen University, Guangzhou 510275, China

Deadline for manuscript submissions

closed (28 February 2025)



Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/171109

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

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





Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.4 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).