Special Issue

Advances in *Legionella pneumophila*: Climate Change, Water Safety and Public Health

Message from the Guest Editors

Legionella pneumophila remains a major cause of severe pneumonia worldwide, causing community-, healthcare-, travel- and occupationally associated infections. In many countries, travel-associated Legionnaires' disease is more systematically detected and reported than community-acquired disease, because of stronger links with accommodation-based investigations and international surveillance networks, indirectly suggesting substantial under-ascertainment of sporadic and community cases. Healthcare-associated and nosocomial legionellosis also represent a major concern, given the vulnerability of exposed patients and the complexity of hospital water and air-conditioning systems.

This Special Issue welcomes multidisciplinary contributions spanning Legionella ecology and microbiology; travel-, community-, healthcare- and occupationally associated disease; climate-sensitive and One Health surveillance; Water Safety Plans; innovative risk assessment and management strategies; and advanced laboratory methods for rapid and reliable detection.

Guest Editors

Dr. Antonios Papadakis

1. Department of Clinical Microbiology and Microbial Pathogenesis, School of Medicine, University of Crete, 71110 Heraklion, Greece
2. Public Health Authority of the Region of Crete, 71201 Heraklion, Greece

Dr. Dimosthenis Chochlakis

Department of Clinical Microbiology and Microbial Pathogenesis, School of Medicine, University of Crete, 71110 Heraklion, Greece

Deadline for manuscript submissions

31 May 2026

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/263252

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

mdpi.com/journal/microorganisms

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/journal/microorganisms

About the Journal

Message from the Editor-in-Chief

"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

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

MDPI