

# Special Issue

## *Kingella kingae*: Virulence Factors, Clinical Disease, and Diagnostics

### Message from the Guest Editors

During the three decades following the first description of *Kingella kingae*, the organism was considered an exceptional cause of human infection, usually associated with bacterial endocarditis in adult patients. The serendipitous discovery that inoculation of skeletal system exudates into blood culture vials enhanced the recovery of this fastidious organism led to the recognition that *K. kingae* was an important invasive pathogen of early childhood. The development and implementation of nucleic acid amplification tests further improved its laboratory detection and established *K. kingae* as the prime etiology of septic arthritis, osteomyelitis, intervertebral disk infections, and hematogenous tenosynovitis in children aged 6–48 months. This Special Issue of *Microorganisms* aims to present a collection of articles that provide a current update of the research in the *K. kingae* field. Manuscripts covering all aspects of research relating to *K. kingae* are welcome, including the bacterium's biology and its pathogenesis, epidemiology, clinical disease, and diagnostics.

### Guest Editors

Prof. Dr. Pablo Yagupsky

Clinical Microbiology Laboratory, Soroka University Medical Center,  
Ben-Gurion University of the Negev, Beer Sheva 8410500, Israel

Prof. Dr. Stéphane Bonacorsi

Hôpital Robert-Debré, Paris, France

### Deadline for manuscript submissions

closed (30 November 2021)



**Microorganisms**

an Open Access Journal  
by MDPI

Impact Factor 4.2  
CiteScore 7.7  
Indexed in PubMed



[mdpi.com/si/86267](https://mdpi.com/si/86267)

*Microorganisms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[microorganisms@mdpi.com](mailto:microorganisms@mdpi.com)

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