

Editorial

Discover Bacteria inaugural editorial

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1 Introduction

Welcome to *Discover Bacteria*, a new open-access peer-review journal from Springer Nature. This journal seeks to provide a platform for the dissemination of cutting-edge research and insights into the fascinating world of bacteria. It aims to be a resource for researchers, policy makers and the general public for recent advances in bacteriology and its uses in research development and society.

Bacteria are remarkable organisms that play essential roles in numerous processes across various ecosystems. They are critical to human health, the environment, agriculture, and industry. In recent years, due to the advances in genomics, microbiome research, and biotechnological applications, our understanding of bacteria and their influence has expanded rapidly. These advances are pushing the boundaries of what we know and how we can harness these organisms for the benefit of the community.

Discover Bacteria is part of the Discover journal series committed to providing a streamlined submission process, rapid review and publication, and a high level of author service at every stage. It is a multi-disciplinary, open access, community-focused journal publishing research from across all fields relevant to bacteriology.

2 Topics

Through *Discover Bacteria*, we aim to offer a comprehensive view of bacteriology on topics including but not limited to:

- Bacterial genetics and genomics
- Bacterial pathogenesis and host-microbe interactions
- Bacterial physiology, structural biology, and metabolism
- Bacterial evolution, adaptation and development
- Microbiome research and its impact on health and disease
- Antibiotic resistance and new therapeutic approaches
- Environmental microbiology and bacterial ecology
- Biotechnological applications of bacteria
- Bacteriophages

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3 Editorial board

Our commitment to excellence is epitomized by the esteemed individuals who form our Editorial Board—a diverse assembly of experts dedicated to steering the journal towards new heights of scholarly achievement.

Discover Bacteria has established an Editorial Board, composed of a cross-section of experts from various relevant domains, to guide the development of the journal, including suggestions for Topical Collections, review articles, invited articles, and editorials.

The colleagues listed on the website below are part of this editorial effort:

<https://link.springer.com/journal/44351/editors>

4 Invitation to contribute

The journal particularly welcomes work that aims to address the United Nations Sustainable Development Goals, especially Life on Land; Zero Hunger; Good Health and Well-Being.

Discover Bacteria welcomes full-length Research articles as well as Brief Communications of empirical findings, Reviews, Perspectives, Comments, Case Studies, Registered Reports, and Data Notes from across the full range of disciplines concerned with bacteriology. In addition, the journal also publishes guest-edited Topical Collections of relevance to all aspects of bacteriology.

We are grateful to our editorial board, reviewers, authors, and readers for their support and contributions in making this journal a reality. We look forward to working with you all to make *Discover Bacteria* a successful journal in bacteriology, promoting innovation and fostering the next generation of researchers.

Author Contribution Ken Cheng is the sole author.

Data availability Not applicable.

Declarations

Competing interests The author declares no competing interests.

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