

# Topical Collection

## Feature Papers in Microbial Biology

### Message from the Collection Editors

Microbiology is the fundamental biological science that studies microscopic organisms, including bacteria, archaea, protists, fungi and viruses. Understanding microbes' structure, life cycle, metabolism and growth is essential for further studies within various biological sciences, including genetics, ecology, evolution, health and biotechnology. Recent advances in microbiology, driven by cutting-edge technologies such as multi-omics and bioinformatics offer unprecedented potential to address major societal challenges. Scientists can now delve into previously unexplored questions, leading to breakthrough discoveries that highlight the crucial role of microbes in biology. This collection aims to showcase cutting-edge advances in microbial biology through a collection of feature papers that explore innovative work and rigorous scientific methodologies. Review articles are expected to synthesize ideas, challenge existing paradigms and establish new frameworks that advance our comprehension of the microbial world.

### Collection Editors

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## Biology

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## 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.

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### Editors-in-Chief

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