



Special Issue on
Advances in Microbiology and Biotechnology

Call for Papers

Advances in Microbiology and Biotechnology highlights the latest developments in the study and application of microorganisms and biotechnological innovations across healthcare, agriculture, industry, and environmental science. It encompasses research on microbial genetics, synthetic biology, genetic engineering, bioprocessing, industrial fermentation, microbial ecology, and emerging technologies such as CRISPR and metagenomics. The field also explores the development of novel therapeutics, vaccines, biofuels, bioremediation strategies, and sustainable biomanufacturing processes. By integrating fundamental microbiology with cutting-edge biotechnology, it drives scientific discovery and supports innovative solutions to global challenges in health, food security, environmental sustainability, and the bioeconomy.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Advances in Microbiology and Biotechnology**. Potential topics include, but are not limited to:

- Microbial genetics
- Molecular microbiology
- Industrial biotechnology
- Environmental microbiology
- Medical microbiology
- Synthetic biology
- Genetic engineering
- Microbial genomics
- Metagenomics
- Bioprocess engineering
- Fermentation technology
- Enzyme biotechnology
- Agricultural biotechnology
- Bioremediation
- Vaccine biotechnology
- Microbial bioinformatics

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - *Advances in Microbiology and Biotechnology***” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	November 18th, 2026
Publication Date	January 2027

Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at abb@scirp.org.