



Special Issue on
Advances in Microbiology and Biotechnology

Call for Papers

Advances in Microbiology and Biotechnology refers to the rapid and ongoing evolution and progress in the fields of microbiology and biotechnology. The field of microbiology involves the study of microorganisms, including bacteria, viruses, fungi, and protozoa, and their interactions with the environment. Biotechnology is the application of biological processes and organisms to the development of new technologies and products. Advances in microbiology and biotechnology have led to new technologies and products that are used in diverse areas such as healthcare, agriculture, industrial biotechnology, environmental biotechnology, and food and beverage production.

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:

- Aeruginosa
- Escherichia
- Lactobacillus
- Pseudomonas
- Salmonella
- Streptomyces
- Staphylococcus
- Biocontrol
- Biology of mycorrhizas
- Biotechnology and bioengineering
- Cell and developmental biology
- Environmental microbiology and biotechnology
- Food and industrial microbiology
- Food microbiology and biotechnology
- Insect pathology
- Microbial biological control
- Molecular and cellular microbiology
- Molecular genetics
- Synthetic biology for microbial engineering
- Microbial biofuel production
- Microbial fermentation for bioprocessing
- CRISPR/Cas9 genome editing for microbial strain improvement



- Microbial bioremediation of environmental contaminants
- Microbial ecology and biotechnology applications
- Microbial biosensors for environmental monitoring
- Microbial biotechnology for biopharmaceuticals production
- Microbial production of enzymes for industrial applications
- Biodegradation of plastics using microbial biotechnology

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	February 29th, 2024
Publication Date	April 2024

Guest Editor:

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