



## Special Issue on Biotechnology and Genetic Innovation

### Call for Papers

Biotechnology and Genetic Innovation encompass the development and application of advanced biological techniques to modify, analyze, and harness genetic material for scientific, medical, agricultural, and industrial purposes. This rapidly evolving field integrates molecular biology, synthetic biology, genomics, and computational tools to enable precise genome editing, novel therapeutic strategies, and sustainable bioprocesses. Breakthroughs such as gene editing technologies, personalized medicine, and engineered biological systems are transforming disease diagnosis and treatment, improving crop resilience, and driving bio-based production. As innovation accelerates, this domain also addresses critical challenges related to ethics, biosafety, and regulatory frameworks, shaping the future of life sciences and global health.

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

- Genetic engineering
- Synthetic biology
- Molecular biotechnology
- Industrial biotechnology
- Medical biotechnology
- Agricultural biotechnology
- Environmental biotechnology
- Genomics and functional genomics
- Proteomics and metabolomics
- Epigenetics and epigenomics
- Bioinformatics and computational biology
- Stem cell biotechnology
- Tissue engineering and regenerative medicine
- Microbial biotechnology
- Bioprocess engineering
- Gene therapy

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 - *Biotechnology and Genetic Innovation***” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	July 16th, 2026
Publication Date	September 2026

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