



Special Issue on Genetics and Biotechnology

Call for Papers

Genetics and Biotechnology is a scientific field that investigates the structure, function, variation, and inheritance of genes while applying biological knowledge and advanced technologies to develop practical solutions in medicine, agriculture, industry, and environmental management. This field includes genetic engineering, genome sequencing, gene editing, molecular biology, synthetic biology, bioinformatics, microbial biotechnology, and the development of biopharmaceuticals. Research in genetics and biotechnology aims to understand biological mechanisms, improve crop productivity, develop innovative diagnostic and therapeutic methods, enhance industrial bioprocesses, and promote sustainable applications of biological resources. It also addresses emerging challenges related to genetic diseases, biosafety, ethical considerations, and the responsible application of genetic technologies.

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

- Genetic engineering
- Molecular genetics
- Genomics and bioinformatics
- Gene editing technologies
- Synthetic biology
- Molecular biotechnology
- Microbial biotechnology
- Plant biotechnology
- Animal biotechnology
- Medical genetics
- Pharmaceutical biotechnology
- Industrial biotechnology
- Agricultural biotechnology
- Genetic diagnostics
- Proteomics and functional genomics
- Biosafety and bioethics

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

Special Issue Timetable:

Submission Deadline	February 10th, 2027
Publication Date	April 2027

Guest Editor:

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