
Special Issue on
Molecular Biology and Biochemical Mechanisms

Call for Papers

Molecular Biology and Biochemical Mechanisms focuses on the study of biological processes at the molecular and cellular levels, emphasizing the structure, function, and interactions of biomolecules such as DNA, RNA, proteins, lipids, and enzymes. This field explores the molecular mechanisms that regulate gene expression, cellular signaling, metabolism, protein synthesis, and biochemical pathways in living organisms. It also investigates the principles underlying cellular communication, molecular genetics, enzymatic reactions, and disease development, providing critical insights for biotechnology, medicine, pharmacology, and biomedical research. Advances in molecular biology and biochemistry continue to support innovations in diagnostics, therapeutic development, genetic engineering, and personalized medicine.

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

- Molecular genetics
- Cell biology
- Biochemistry
- Structural biology
- Genomics
- Proteomics
- Metabolomics
- Enzymology
- Molecular pharmacology
- Epigenetics
- Bioinformatics
- Systems biology
- Molecular immunology
- Synthetic biology
- Cellular signaling
- 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 - *Molecular Biology and Biochemical Mechanisms***” should be selected during your submission.

Special Issue Timetable:

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|---------------------|----------------------|
| Submission Deadline | September 10th, 2026 |
| Publication Date | November 2026 |

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