



Special Issue on Synthetic Biology

Call for Papers

Synthetic Biology converges biology, genomics, engineering, and informatics to design, modify, and reconstruct biological molecules, components, and processes. Drawing from principles of system biology and engineering, it utilizes techniques such as genetic engineering, gene synthesis, and metabolic engineering to create novel biological systems and organisms with specific functions. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of Synthetic Biology.

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

- Biological engineering
- Biodesign
- Synthetic genomics
- Gene circuits
- Chassis organisms
- Biomaterials
- Protein engineering
- Synthetic metabolism
- Cell-based therapies
- Synthetic ecology
- Biofuels
- Synthetic biology in pharmacology
- Synthetic Biology in medicine
- Synthetic Biology in computing
- Ethical considerations

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 - Synthetic Biology**” should be selected during your submission.

Special Issue Timetable:



Submission Deadline	September 16th, 2024
Publication Date	November 2024

Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at
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