



Special Issue on
Bioprocess Engineering and Industrial Biotechnology
Call for Papers

Bioprocess Engineering and Industrial Biotechnology focuses on the application of engineering principles, biological systems, and biotechnological techniques to the development, optimization, and industrial implementation of biological production processes. It encompasses areas such as bioreactor design, fermentation, microbial and cell-based production, metabolic engineering, process optimization, scale-up, downstream processing, biomanufacturing, and process automation. Research in this area supports the production of pharmaceuticals, enzymes, biofuels, biomaterials, food ingredients, and value-added chemicals, while promoting efficient resource utilization, process reliability, economic feasibility, and environmentally sustainable industrial biotechnology.

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

- Bioreactor design
- Fermentation technology
- Microbial biotechnology
- Cell culture technology
- Metabolic engineering
- Strain development
- Upstream processing
- Downstream processing
- Bioprocess optimization
- Process scale-up
- Bioprocess control
- Bioseparation technology
- Enzyme production
- Biopharmaceutical manufacturing
- Biofuel production
- Sustainable biomanufacturing

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 - Bioprocess Engineering and Industrial Biotechnology**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	December 17th, 2026
Publication Date	February 2027

Guest Editor:

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