

## Special Issue

# Process Intensification and Application for Bioprocesses and Green Chemical Engineering

### Message from the Guest Editors

The world is facing major problems related to energy needs, waste generation, and environmental concerns. Process intensification is one of the responses to the major challenge of maintaining the competitiveness of companies in the sector, which are constantly looking for new solutions to meet the ever-increasing demand for products. The intensification of processes has become a topic of growing interest and aims to effectively coordinate the different unit operations and activate synergistic effects during the development of sustainable and efficient chemical and/or biological processes. This Special Issue on "Process Intensification and Application for Bioprocesses and Green Chemical Engineering" will present new advances in research and development related to process intensification approaches and methods that can significantly reduce equipment size, energy consumption, or waste generation for biomass transformation and valorization processes.

- Intensified reactor technologies;
- Intensified separation processes;
- Catalysis and biocatalysis for efficient catalytic processes;
- Green solvents for chemistry;
- Alternative energy sources.

### Guest Editors

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Dr. Mikel Leturia

Dr. Denis Luat

Prof. Dr. Nabil Grimi

### Deadline for manuscript submissions

31 October 2025



## Processes

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### Message from the Editor-in-Chief

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