

Special Issue

Design and Application of Microalgal Bioreactors

Message from the Guest Editors

Microalgae possess significant value across multiple fields, serving as food, feed, cosmetics, nutrition, and medicine, while also playing a pivotal role in green manufacturing, renewable energy production, and environmental ecological protection. However, the expansion of these applications has been hampered by a key challenge: the limited availability of microalgal biomass. The crux of this issue lies in achieving low-cost and high-density cultivation, which necessitates the optimization and scaling-up of bioreactors.

To address this, we aim to bring together the latest advancements in research and application, particularly focusing on the innovative design theories, optimization techniques, and practical applications of microalgal bioreactors.

Guest Editors

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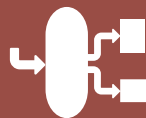
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Deadline for manuscript submissions

31 October 2025



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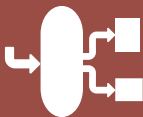


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