

Special Issue

Microalgae in Biotechnological Applications

Message from the Guest Editors

- Microalgae are organisms endowed with chemical versatility and broad technological applicability, making them key players in an economy designed to be more regenerative, circular, and ecologically responsible. In recent decades, these microfactories have acquired protagonism in different markets related to biotechnology: energy, chemicals and materials, food and feed, and personal care and pharmaceuticals. Exploring their multiple biotechnological possibilities represents a response to contemporary challenges and the probable future transition to a bio-based circular economy.
- This Special Issue on “Microalgae in Biotechnological Applications” welcomes original contributions—research, reviews, short communications, and opinions—on microalgae-based processes and products, including the latest advances related to process integration and intensification, as well as technical-environmental and techno-economic feasibility assessments.

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