



BENTHAM OPEN

THE OPEN MICROALGAE BIOTECHNOLOGY



The Open Microalgae Biotechnology is an international journal, which publishes research articles, reviews, letters and guest edited single topic issues in all areas of Microalgal Biotechnology.

The journal encourages submissions related to the following fields:

- Fundamentals (morpho-physiological, structural and metabolic aspects, synthetic biology)
- Microalgae-based processes (culture conditions and production systems, wastewater treatment, CO₂ capture and use, harvesting techniques, extraction and purification of biomolecules)
- Microalgae-based products (single-cell protein, single-cell oil, pigments, bioactive proteins, peptides and amino acids, bioactive polysaccharides, sterols, bioplastics, UV-Screening compounds, volatile organic compounds, biofertilizers, biofuels, novel molecules, biogas, biodiesel, bioethanol, biohydrogen, biocrude oil)
- Engineering approaches applied to microalgal processes and products (process integration applied to microalgal systems, process intensification applied to microalgae bioproducts, microalgal biorefineries, techno-economic analysis of microalgae processes and products, life-cycle assessment, exergy analysis, scale-up of microalgae-based processes)

The editorial board will consider papers for publication based on novelty, their immediate or future impact on microalgae-based processes and products, and their contribution to the advancement of applied phycology. Theoretical papers will be judged based on the novelty of the approach and their potential impact, or on their novel capability to predict and elucidate experimental observations.

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