

Special Issue

Interaction between Microalgae and Light: Biotechnological Insights

Message from the Guest Editor

Microalgae have emerged as promising candidates in combatting the current climate and energy challenges. Still, scientific and technical obstacles must be overcome to allow microalgal biotechnological to reach its full potential. Among these, a better understanding and improved manipulation of the interaction between microalgae and light are paramount. This Special Issue will highlight and discuss recent advancements in those key research fields. We expect our discussion to contribute to the biotechnological use of the interaction between microalgae and light. **Keywords**

- microalgae
- light
- chloroplast
- fluorimetry
- non-photochemical quenching
- pigments
- production
- numerical modeling
- photobioreactor
- flashing light effect

Guest Editor

Dr. Victor Pozzobon

Centre Européen de Biotechnologie et de Bioéconomie (CEBB), SFR Condorcet FR CNRS 3417, Laboratoire de Génie des Procédés et Matériaux, CentraleSupélec, Université Paris-Saclay, 3 rue des Rouges Terres, 91110 Pomacle, France

Deadline for manuscript submissions

closed (23 February 2024)



BioTech

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.8
Indexed in PubMed



mdpi.com/si/152923

BioTech
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biotech@mdpi.com

[mdpi.com/journal/
biotech](https://mdpi.com/journal/biotech)





BioTech

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.8
Indexed in PubMed



[mdpi.com/journal/
biotech](https://mdpi.com/journal/biotech)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Massimo Negrini
Department of Morphology, Surgery and Experimental Medicine,
University of Ferrara, Ferrara, Italy

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, PubMed, PMC, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Biotechnology and Applied Microbiology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.6 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).