



Interaction between Microalgae and Light: Biotechnological Insights

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, 51110 Pomacle, France

Deadline for manuscript
submissions:
closed (23 February 2024)

Message from the Guest Editor

Dear Colleagues,

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

