

Special Issue

Development of Algal Biotechnology, Second Edition

Message from the Guest Editor

This Special Issue explores the cutting-edge advancements and transformative potential of algal biotechnology. Algae, as a sustainable and versatile resource, have gained prominence for their applications across various fields, including biofuels, pharmaceuticals, nutraceuticals, food products, and environmental remediation. The contributions in this Special Issue highlight innovative research on algal cultivation, bioactive compound extraction, genetic engineering, and industrial-scale applications. By addressing challenges and showcasing opportunities, this Special Issue aims to inspire further development and commercialization in the field. We invite readers to delve into these insights and join the global effort to harness the full potential of algae to create a sustainable future.

Guest Editor

Dr. Leonel Pereira

Marine Resources, Conservation and Technology, Marine Algae Laboratory, Centre for Functional Ecology–Science for People & the Planet (CFE), Department of Life Sciences, University of Coimbra, 3000-456 Coimbra, Portugal

Deadline for manuscript submissions

30 November 2026



Phycology

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2



mdpi.com/si/265304

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

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





Phycology

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Peer Schenk

1. Plant-Microbe Interactions Laboratory, School of Agriculture and Food Sustainability, The University of Queensland, Brisbane, QLD 4072, Australia
 2. Sustainable Solutions Hub, Global Sustainable Solutions Pty Ltd., Brisbane, QLD 4105, Australia
 3. Centre for Bioinnovation, The University of the Sunshine Coast, Sippy Downs, QLD 4556, Australia
-

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO, and other databases.

Journal Rank:

JCR - Q1 (Marine and Freshwater Biology) / CiteScore - Q1 (Agricultural and Biological Sciences (miscellaneous))