

Special Issue

Cyanobacteria: Advances in (Meta-)Genomics and Proteomics

Message from the Guest Editors

The increased accessibility of next-generation sequencing has resulted in an abundance of genome data and led to the wonderful comprehension of cyanobacterial molecular biology, primary and secondary metabolism, as well as phylogeny and evolution. Genomics has further provided a platform for the discovery of natural products using synthetic biology approaches as well as functional proteomics studies to describe how cyanobacteria respond to their external environments. As cyanobacterial genomic and proteomics projects continue to mature, we eagerly await the exciting discoveries these data will provide. In this Special Issue of *Life*, we invite researchers from all over the world to share with us their recent advances in the understanding of cyanobacteria at the genomic and proteomic levels. This includes original work and review articles with a focus on (meta-)genomics, phylogenomics, biotechnology, primary and secondary metabolism, genome mining for natural product pathways, comparative -omics and new proteomic discoveries.

Guest Editors

Dr. Paul M. D'Agostino

Dr. Nádia Eusébio

Dr. Ângela Brito

Deadline for manuscript submissions

closed (30 June 2021)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/55773

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

mdpi.com/journal/

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





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)