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Cyanobacteria and Microalgae Biotechnologies

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Deadline for manuscript submissions:
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Message from the Guest Editors

Cyanobacteria and microalgae are photosynthetic microorganisms dwelling in various environments with high biodiversity and great capacity to adapt to different environmental conditions. Cyanobacteria are prokaryotic microorganisms, while microalgae belong to the Eukarya domain. Due to their photosynthetic activity, both groups play a fundamental role in biological carbon dioxide sequestration and nutrient cycling. Thanks to their high biodiversity, cyanobacteria and microalgae find a wide spectrum of applications in different fields. Research in this field has recently seen a boost, but this is still an open field searching for innovations in the development of optimal growth systems, the increase of biomass production, the selection and genetic engineering of cyanobacteria and microalgae strains, and the optimization of high-value bio-compound production.

This Special Issue on 'Cyanobacteria and Microalgae Biotechnologies' in *Plants* aims to collect research articles and short communications from scientists all over the world to provide an overview of the potential of biotechnologies applied to cyanobacteria and microalgae.

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Message from the Editor-in-Chief

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We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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