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Cellular and Molecular Strategies in Cyanobacterial Survival

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Message from the Guest Editors

Cyanobacteria occupy almost all illuminated aquatic and terrestrial habitats and developed sophisticated cellular strategies of survival under fluctuating conditions. In recent years, our knowledge on cyanobacterial survival strategies has increased tremendously by applying global studies like transcriptomics and proteomics, advanced microscopic technics, as well as protein structure and function analysis.

In this Special Issue of *Life*, we invite researchers from all over the world to share with us the advances in our understanding of ecological, cellular, and molecular mechanisms of cyanobacterial survival. This includes original work and review articles dealing with signaling pathways, strategies of gene and protein regulation, global studies, and new discoveries related to differentiation of spore like akinetes, motile hormogonia, and nitrogen-fixing heterocysts.



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Special Issue



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Message from the Editor-in-Chief

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