



Protein Structure and Function in Microorganisms

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Message from the Guest Editor

Dear colleague,

Microorganisms comprise a large community, consisting of species considered pathogenic to humans, animals and plants, or even beneficial species that interact with other organisms and being utilized as useful bioresources. Therefore, proteins and enzymes from microorganisms are attractive targets for the study of structural and functional relationship.

This special issue "Protein structure and function in microorganisms" gathering original research and review articles aims to present a tribune to broad range advanced structural studies via X-ray, NMR, Cryo-EM, molecular simulation and biophysical methods, or their synergetic combination for understanding protein structural-functional relationships in their very broad context. The topics would be listed below but not limited, such as proteins in cell division or cell cycle, proteins in infectious or defense systems, enzymes for post-translational modifications, enzymes involved in natural product biosynthesis, proteins from extremophiles, druggable protein targets, metabolic enzymes, industrial and food processing enzymes, plastic and pollutant degrading enzymes, as well as diagnostic and therapeutic proteins.





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Message from the Editor-in-Chief

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