



Supramolecular Protein Structures

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Message from the Guest Editor

Within recent decades, biology has faced a tremendous progress in the development of different techniques to identify and characterize molecular components of biosystems. Understanding the intracellular organization of these components as supramolecular structures is essential for our ability to perform metabolic regulation, which is required to solve medical and biotechnological challenges.

We would like to promote the understanding with this Special Issue contributed by different specialists. Supporting the exchange of methods and opinions between the related scientific fields, we intend to consider: (i) molecular mechanisms of the protein interactions with other cellular components, such as proteins, lipids, and nucleic acids; (2) multienzyme complexes and metabolones (i.e., associates of the enzymes of a certain pathway); (3) regulatory complexes and mechanisms of their transient formation and reorganization in response to specific stimuli; (4) methodical and bioinformatics approaches to characterize the multiprotein complexes and supramolecular structures; and (5) significance of protein interactions with other molecular components of a cell in health and disease.





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Message from the Editorial Board

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