

Special Issue

Integrative Structural Biology Approaches to Explore Life at a Molecular Level

Message from the Guest Editors

Our understanding of life at a molecular level derives from experimental and *in silico* analyses of the systems involved in a specific biological process. The investigation of biomacromolecule structures, such as of proteins and of nucleic acids, helps us to elucidate the chemical basis of their functions or disfunctions, which in turn will provide the guide for their pharmacological modulation or for bioengineering approaches to redirect their activity. An integrative approach which exploits the combination of multiple and complementary methods, and simultaneously provides information at different scale on the same system, is proving successful to model the structures of biological systems. In this special issue, we will present the current strategies used to study both the structure and the dynamics of proteins and protein complexes which are relevant for biomedical and biotechnological applications.

Guest Editors

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