



Molecular Advances in Protein-Ligand Interactions

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Message from the Guest Editor

Dear Colleagues,

Protein–protein and protein–ligand interactions are at the center stage of the cellular processes and regulatory mechanisms of living systems. Examination of these interactions identifies the key players and elucidates mechanisms that are essential for maintaining homeostasis under normal physiological conditions. Ultimately, this knowledge can be translated into probing biomolecular interactions in the context of pathological states, many of which involve proteins and their ligands. This approach expands our fundamental understanding and illuminates approaches for the development of novel treatments for various medical conditions. Technical advances and new methodologies accelerate these efforts, broaden the scope of the investigations, and provide transformational perspectives. For this Special Issue of *IJMS*, we aim to collect contributions in the form of either original research articles or reviews to add new insight into the role of protein–protein and protein–ligand interactions in biological processes.





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Message from the Editor-in-Chief

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