

## Special Issue

# Protein–Ligand Interactions: Deciphering the Molecular Targets and the Mechanisms of Action of Drugs and Natural Compounds

### Message from the Guest Editor

This Special Issue focuses on recent studies that aimed to investigate protein–ligand interactions, with a special aim to elucidate the molecular mode of action and the protein targets of drugs as well as natural compounds, and the cellular pathways involved. Indeed, protein–ligand interactions may affect both protein conformation and biological activity. However, for many bioactive compounds there is a lack of knowledge of their molecular targets, their effects on protein structure, and how they can modulate different cellular pathways and functions. Studies providing such information are welcomed and will help to elucidate the molecular basis for many drugs activity and the development of new drugs.

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### Guest Editor

Prof. Dr. Fabio Altieri

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## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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