

Special Issue

Protein–Ligand Interactions: Target Identification and Drug Discovery 2.0

Message from the Guest Editor

For many bioactive compounds, there is a lack of knowledge of the specific molecular targets involved, the effects of these substances on protein structure, and how they can modulate different cellular pathways and functions. This Special Issue focuses on recent studies aiming to investigate protein–ligand interactions with a special aim of elucidating the molecular modes of action of drugs as well as natural bioactive compounds. Studies highlighting information on target proteins and how interactions with a drug may affect a protein's structure and biological activity will be welcome. Computational results accompanied by validation experiments are also sought after. This information will help to elucidate the molecular basis for many drugs' activities and the development of new drugs.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2023)



Biomedicines

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Impact Factor 3.9
CiteScore 6.8
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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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