

Special Issue

Mechanisms of Protein–Ligand Interactions in Therapies for Lifestyle Diseases and Their Complications

Message from the Guest Editor

There can be no doubt that lifestyle diseases—“21st-century diseases”—significantly impact the quality of human life and lead to high social costs.

Researching “Mechanisms of Protein–Ligand Interactions in Therapies for Lifestyle Diseases and Their Complications” is of great scientific importance. Due to numerous modifications, such as glycation and oxidation, the structural transformations of proteins, especially serum proteins, should be constantly monitored, particularly in chronic lifestyle diseases. The interaction of exogenous and endogenous ligands with transport proteins is a crucial factor influencing the course and efficacy of therapy.

The main goal of this Special Issue is to provide a platform for the publication of research on protein–ligand interactions, including proteins modified by various processes occurring in the body, using interdisciplinary techniques applied in laboratories, with particular emphasis on spectroscopic and calorimetric techniques.

Thank you for your time and consideration. I hope that you will consider participating in this Special Issue.

Guest Editor

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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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