



life



an Open Access Journal by MDPI

Protein-Protein and Protein-Ligand Interaction

Guest Editor:

Dr. Mateusz Banach

Department of Bioinformatics
and Telemedicine, Faculty of
Medicine, Jagiellonian University
Medical College, Medyczna 7, 30-
688 Kraków, Poland

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

The biological function of many proteins depends on the formation of a multimeric quaternary structure or the binding of smaller molecules, or both. Other partners include nucleic acids and nearby segments of the cell wall. In addition to kind and number of substrates and their spatial arrangement, protein complexes also have a temporal context: being permanent or transitory.

Thanks to computers it is possible to gauge whether two or more proteins may interact, or if an introduction of additional factors could promote or hinder the construction of such complexes. This situation can be observed from a broad perspective, which is the purpose of protein–protein interaction networks, but also very focused—down to the atomic level—when one tries to pinpoint residues engaged in contact.

In this Special Issue we are looking forward to submissions in the form of original articles, reviews, and communications presenting recent results of not necessarily purely in silico research, but contributing to the expansion of scientific knowledge in the areas of protein–protein and protein–ligand interaction.

Dr. Mateusz Banach
Guest Editor



mdpi.com/si/94686

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)