



an Open Access Journal by MDPI

Peptides or Small Molecules in Protein-Protein Interaction

Guest Editors:

Dr. Paolo Ruzza

Institute of Biomolecular Chemistry, Padua Unit, National Research Council, Padua, Italy

Dr. Claudia Honisch

Institute of Biomolecular Chemistry, National Research Council, Padua, Italy

Deadline for manuscript submissions: closed (31 March 2024)

Message from the Guest Editors

Modulating protein–protein interactions is a promising but challenging way to develop new therapeutic agents capable of countering and overcoming numerous diseases. Peptides and small molecules represent two classes of compounds well-suited for protein recognition and, of course, to modulate protein–protein interactions.

This Special Issue will consider reviews and original research manuscripts that provide an overview of the current status and recent advances in the study of protein-protein interactions, highlighting promising and compelling computational tools developed to design bioactive peptides/peptidomimetics/small molecules, as well as successful examples of peptides or small molecules, which by targeting a protein-protein recognition site are able to modulate a biological response.



Specialsue





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

Molecules Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/molecules molecules@mdpi.com X@Molecules_MDPI