

Special Issue

Small Molecules Targeting Protein-Protein Interactions

Message from the Guest Editor

Protein-protein interactions (PPIs) are physical contacts established between proteins (one of them can be an intrinsically disordered protein) as a result of biochemical events. PPI interfaces exhibit both shape and electrostatic complementarity. The protein-protein interaction (PPI) target class is particularly challenging, but may offer potential for "first in class" therapies.

There are many examples of targeting protein-protein interactions in the field of cancer therapy (BCI-2/, PD-1/PDL-1, YAP or TAZ/TEAD, BET/acetylated histones, MDM2/p53), as well as in virology (LEDGF/HIV-1 integrase, CCR5/gp120). This Special Issue welcomes all contributions on screening strategies and SAR optimization of orthosteric or allosteric inhibitors on established or emerging targets.

Guest Editor

Prof. Dr. Philippe Cotelle

Lille Neuroscience and Cognition, Team "Brain Biology and Chemistry", Faculty of Pharmacy, University of Lille, Pr Laguesse street, 3 - BP83, 59006 Lille, France

Deadline for manuscript submissions

closed (31 December 2020)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/39539

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

[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)





Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).