

Special Issue

Purinergic Signaling: Targeting GPCRs, Ion Channels and Enzymes—A Theme Issue in Honor of Dr. Kenneth A. Jacobson

Message from the Guest Editors

Molecules is delighted to host a Special Issue honoring Dr. Kenneth A. Jacobson for his outstanding contributions to the research community. Dr. Jacobson is a pioneer in the field of ligand design and pharmacology of adenosine (P1) and P2 receptors. His numerous contributions include the first molecular model of adenosine receptors in 1992 and first publication on modeling the involvement of the 2nd extracellular loop of GPCRs in small molecule recognition. He mentored approximately 70 postdoctoral fellows throughout his career and authored more than 800 scientific publications (H-index of 109). As inventor of >60 patents on new receptor ligands and analytical methods, filed in the US and other countries, he was highlighted as a Featured NIDDK Innovator from the Office of Technology Transfer and Development. He remains an inspiration to all and we are pleased to invite you to submit a publication for this Special Issue.

Guest Editors

Dr. Anna Junker

Dr. Antonella Ciancetta

Dr. Jinha Yu

Deadline for manuscript submissions

closed (20 April 2022)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/87265

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).