

Special Issue

Recent Advances in Amino Acid Transporters

Message from the Guest Editor

Amino acid transport is a field which has witnessed enormous advances in numerous aspects. High-resolution structures of bacterial and mammalian transporters are appearing at an increasing rate, and the first heteromeric complexes are becoming resolved. Our understanding of the role of amino acid transporters in inherited and acquired diseases is expanding rapidly thanks to studies using a variety of experimental approaches and model systems. Amino acid transporters have been identified in many organelles, highlighting their role in signalling and metabolism. Amino acid transporters have also emerged as a group of drug targets in cancer metabolism and metabolic disorders. We hope that this Special Issue will reflect the diversity of this field and its recent developments.

Guest Editor

Prof. Dr. Stefan Broer

College of Medicine, Biology & Environment, Building 134, The Australian National University, Canberra, ACT 2601, Australia

Deadline for manuscript submissions

closed (20 November 2021)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/43044

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

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





Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)