



Nonalcoholic Fatty Liver Disease: From Molecular Mechanisms to Therapeutic Approaches

Guest Editor:

Dr. Yumin Dai

Department of Chemistry and
Virginia Tech Center for Drug
Discovery, Virginia Polytechnic
Institute and State University,
Blacksburg, VA, USA

Deadline for manuscript
submissions:

31 March 2025

Message from the Guest Editor

Nonalcoholic fatty liver disease, or NAFLD, refers to a liver problem that affects human beings who drink little to no alcohol, and it is becoming more common, especially in Middle Eastern and Western countries, with increasing rates of obesity. In recent years, great efforts have been made to investigate the pathogenesis of NAFLD; accordingly, a large quantity of biomolecules (small synthetic molecules, natural products, active peptides, oligonucleotide, etc.) with decent activities have been discovered as promising therapeutics through a variety of mechanisms, such as mitochondrial uncouplers, fibroblast growth factor activators, etc. Therefore, this Special Issue aims to publish submissions covering either the identification of biomolecules with promising therapeutic effects or mechanistic studies of biomolecules targeting NAFLD.





an Open Access Journal by MDPI

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

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.

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)

Contact Us

Biomolecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biomolecules
biomolecules@mdpi.com
X@Biomol_MDPI