Special Issue

Molecular Pathology and Therapeutics in Non-alcoholic Fatty Liver Disease

Message from the Guest Editor

The worldwide spread of a sedentary lifestyle and excess food consumption has increased the prevalence of non-alcoholic fatty liver disease (NAFLD) in many countries among a larger number of generations. NAFLD is closely associated with obesity, insulin resistance, dyslipidemia, atherosclerosis, and systemic inflammation, which represent hepatic manifestations of metabolic syndrome. NAFLD is not only a risk factor for the occurrence of diabetes and cardiovascular events, but also may progress to non-alcoholic steatohepatitis (NASH), hepatic fibrosis, and hepatocellular carcinoma, eventually leading to death. NAFLD/NASH is, therefore, considered to be a detrimental condition necessitating appropriate therapeutic interventions. To date, however, the establishment of effective therapeutics has been challenging, likely due to the multiple factors that are involved in NAFLD/NASH pathogenesis. In this Special Issue, we would like to review our current understanding of the pathogenesis of and therapies for NAFLD/NASH and discuss future directions for research on NAFLD/NASH.

Guest Editor

Prof. Dr. Naoki Tanaka
Department of Global Medical Research Promotion, Shinshu University Graduate School of Medicine, Asahi 3-1-1, Matsumoto 390-8621, Japan

Deadline for manuscript submissions

closed (31 May 2020)

Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/31142

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

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

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)

MDPI