Special Issue

High-Density Lipoprotein (HDL): The Role of Reverse Cholesterol Transport in Human Health and Disease

Message from the Guest Editor

Although high-density lipoprotein (HDL) cholesterol levels continue to be included in cardiovascular risk assessment tools, findings from genetic studies and various pharmacologic interventions have called into question the causal role of HDL cholesterol in atherosclerotic heart disease and the suitability of HDL cholesterol as a treatment target. Recent studies have illuminated the dynamic and complex HDL metabolic pathways defined by lipid transport out of the cell, reverse cholesterol transport (RCT), but directly linked to a myriad of other vascular and non-vascular functions. It has become increasingly clear that HDL metabolism has direct relevance to a number of pathophysiologic processes. I am pleased to announce this Special Issue, which aims to address how HDL and RCT may impact fundamental biologic processes as well as contribute to pathophysiology across a spectrum of human diseases. A major focus of this issue is to structure our current understanding of HDL and RCT by disease process and to emphasize both the fundamental basic science as well as the relevance to human disease.

Guest Editor

Dr. Anand K. Rohatgi

Department of Internal Medicine, University of Texas Southwestern Medical Center, Dallas, TX 75390-8830, USA

Deadline for manuscript submissions

closed (31 August 2020)

Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/32070

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