

Special Issue

High Density Lipoproteins and Atherosclerosis

Message from the Guest Editor

Epidemiological studies have shown an inverse correlation between high-density lipoprotein cholesterol (HDL-C) levels and the risk of cardiovascular disease, suggesting that increasing HDL-C levels would be beneficial. However, this assumption has been questioned by the failure of clinical trials testing HDL-C-raising therapies as well as the observations from Mendelian randomization studies showing that polymorphisms mainly or solely associated with increased HDL-C levels did not decrease the risk of myocardial infarction. These observations led to a shift in the focus from HDL-C levels toward HDL functional properties. This Special Issue of *Cells* aims to discuss the relevance of HDL function in light of the most recent observations that suggest a higher risk of mortality and infection in subjects with extremely high HDL-C levels, and to deepen the knowledge of HDL's role beyond its classical role in reverse cholesterol transport.

Guest Editor

Prof. Dr. Alberico L. Catapano

1. Department of Pharmacological and Biomolecular Sciences, University of Milan, 20133 Milan, Italy

2. IRCCS Multimedica Hospital, 20099 Milan, Italy

Deadline for manuscript submissions

closed (31 January 2021)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/52538

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

mdpi.com/journal/

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





Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,
Copenhagen, Denmark

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).