

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

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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.

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