



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

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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.

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Guest Editor





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