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Lipid Metabolism in Diabetes and Atherosclerosis

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Deadline for manuscript submissions:
closed (15 June 2024)

Message from the Guest Editors

An overwhelming set of clinical data indicates that people with type II diabetes are more susceptible to developing atherosclerosis. Mechanistic studies that present a causal link between type II diabetes, altered lipid metabolism and atherosclerosis are lacking. Furthermore, how the interplay between signaling and lipid metabolism precipitates into pathological conditions such as atherosclerosis and type II diabetes is not understood.

This Special Issue is dedicated to facilitating communication on this topic. Original research articles and review articles are welcome. This includes, but is not limited to altered insulin/glucagon signaling, an altered flux of substrates through lipid metabolism pathways, the biogenesis of VLDL, HDL and LDL, the interconversion of lipoproteins, the uptake of lipoproteins and their interaction with glucose homeostasis pathways, and the downstream physiological ramifications. We also solicit articles that discuss therapeutic targets currently in clinical trials or that present novel approaches to mitigate hyperglycemia, hypercholesterolemia, and atherosclerosis.

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Editors-in-Chief

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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