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Nutrition and Cardiovascular Disease: Effects on Endothelial Function

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Deadline for manuscript
submissions:

closed (20 July 2023)

Message from the Guest Editors

We are very pleased to invite researchers to submit original research and review papers on nutrition and cardiovascular disease, specifically focusing on the effects of nutrition models and nutrients on endothelial function.

Most cardiovascular disease results from complications of atherosclerosis. Endothelium has physiologically favorable and atheroprotective effects. The established cardiovascular risk factors cause oxidative stress leading to “endothelial dysfunction” with a reduction in endothelium-dependent vasodilation and the induction of a specific state of “endothelial activation,” characterized by a proinflammatory, proliferative, and procoagulatory milieu which favors all stages of atherogenesis, pathological inflammatory processes, and vascular disease. Cardiovascular risk factors as well as dietary habits are able to negatively affect endothelial function. On the other hand, observational and human randomized clinical trials have supported vascular benefits from specific nutrition models and/or after the consumption of some specific nutrients.



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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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