

Special Issue

Atherosclerosis: Endothelial Dysfunction and Beyond

Message from the Guest Editors

Endothelial dysfunction, a recognized antecedent of atherosclerotic plaques, is associated with reduced bioavailability of nitric oxide (NO), a key endogenous anti-atherogenic molecule. The magnitude of endothelial dysfunction predicts future adverse cardiovascular events both in the general population and patients with risk factors or atherosclerotic cardiovascular (CV) disease. Recent years have witnessed expanding research on the role of NO and other endothelial mediators in a variety of common disorders, including metabolic syndrome, chronic kidney disease, and heart failure with preserved ejection fraction. Moreover, improved endothelial function may be implicated in beneficial pleiotropic effects of new antidiabetic, antiplatelet, and anticoagulant drugs. On the other hand, there is no consensus with regard to the utility of particular endothelial biomarkers in specific clinical settings. With this Special Issue, we hope to encourage submissions of original articles and reviews covering novel aspects of atherogenesis and endothelial dysfunction, with a focus on emerging CV risk factors, the L-arginine-NO system, and related metabolic pathways.

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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