

Special Issue

Frontiers in Vascular Stiffness

Message from the Guest Editors

The area of vascular disease research is constantly evolving. New methods and devices are able to assess the dynamic properties of vessels in a way that was not possible a few years ago. The measurement of vascular stiffness is becoming important for evaluating blood pressure profiles at multiple sites of the arterial tree, in vascular ageing, and in patient care. Current research is addressing and debating some unresolved technical and methodological issues in evaluating the structural and functional properties of vessels. Future progress in this area of research, and the implementation of new indices and methodologies related to an increasingly reliable assessment of vascular stiffness will allow for an improvement in the early diagnosis of cardiovascular damage, and therefore in the clinical care of patients. This Special Issue will focus on new methodological advances in vascular stiffness evaluation, as well as their applications in clinical or preclinical research. A privileged space will be reserved for new clinical acquisitions regarding the relationship between non-invasive hemodynamic assessment and early vascular damage in the various fields of cardiovascular research.

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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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