

Special Issue

Advances in Vascular Medicine and Surgery in 2023

Message from the Guest Editors

Advanced vascular disease diagnostics is a field in continuous and rapid evolution from a biohumoral point of view, a functional diagnostic point of view by using non-ionizing energies, and also from the perspective of the continuous evolution of classic diagnostic imaging. The research of biomarkers in vascular diseases is evolving more and more, especially the timely identification of diseases in order to avoid the devastating effects related to late diagnosis. Alternative non-ionizing energies are instead becoming increasingly important both for cost containment and for reducing patient exposure. Even in classic diagnostic imaging, the evolution of protocols and investigation techniques can contribute and significantly improve the diagnostic accuracy, precision and prevention of vascular diseases. We anticipate the application of artificial intelligence to the field of diagnostic imaging to quickly allow us, together with the management of big data, to take another historic step forward in the history of medicine. This Special Issue of *Diagnostics* represents a milestone in knowledge relating to vascular diseases.

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Deadline for manuscript submissions

closed (30 September 2023)



Diagnostics

an Open Access Journal
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Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



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