

Special Issue

New Advances in Peripheral Artery Disease

Message from the Guest Editor

Peripheral artery disease (PAD) refers to atherosclerosis causing impaired blood flow in vessels outside the heart, most commonly affecting arteries of the lower extremities. The prevalence of PAD is now estimated to be higher than that of ischemic heart disease and cerebrovascular disease combined. Unlike ischemic heart disease and cerebrovascular disease, less is known about the molecular mechanisms driving the development of PAD. Moreover, diabetes, smoking and aging are critical drivers of PAD but how these factors contribute to PAD development and poorer outcomes in PAD is not well known. Currently, there are no effective medical treatments addressing the key issues in PAD, which are impaired blood flow and limb ischemic injury. This Special Issue of the *International Journal of Molecular Sciences* aims to bring together the state-of-the-art views and original research on molecular mechanisms in diabetes, smoking or aging contributing to the development of PAD and PAD severity. Intervention to improve blood flow and or limb ischemic injury will also be explored.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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