



New Advances in Peripheral Artery Disease

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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.





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Message from the Editor-in-Chief

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