

Special Issue

Arteriogenesis, Angiogenesis and Vascular Remodeling

Message from the Guest Editors

We welcome all molecular aspects of arterialization and collateral formation. It will contain articles that collectively provide a balanced, state-of-the-art views on various aspects of arteriogenesis and the underlying regulation of vascular remodeling, such as: Genetic and environmental mechanisms controlling formation and maintenance of the native collateral circulation
Mechanisms controlling pathophysiological formation and maintenance of the angiogenic blood vessels
Mechanisms controlling pathophysiological vascular remodeling
Arteriogenesis, therapeutic angiogenesis and peripheral arterial disease
The formation of collateral arterial networks: insights from the developing embryo
Multiple pathways converge in the development of a collateral circulation
Arteriogenesis and collateral formation
Keywords: collateral formation; peripheral arterial disease; vascular remodeling; atherosclerosis; restenosis; intimal hyperplasia; vein grafting; cardiovascular diseases

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