

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

Guest Editors

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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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