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Arteriogenesis—Molecular Regulation, Pathophysiology and Therapeutics II

Guest Editors:

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Deadline for manuscript submissions:
closed (31 March 2020)

Message from the Guest Editors

This Special Issue will welcome original research articles and review papers on all molecular aspects of arteriogenesis. Potential topics include, but are not limited to, the following:

- Genetic and Environmental Mechanisms Controlling Formation and Maintenance of the Native Collateral Circulation;
- The Formation of Collateral Arterial Networks: Insights from the Developing Embryo;
- Notch Signaling in Arteries: From Embryonic Development to Postnatal Homeostasis and Growth;
- Multiple Pathways Converge in the Development of a Collateral Circulation (Arteriogenesis);
- Fluid Shear Stress and its Pathways in Arteriogenesis;
- The Impact of Shear Level and Cardiovascular Risk Factors on Bioavailable Nitric Oxide and Outward Vascular Remodeling in Mesenteric Arteries;
- Epigenetic Mechanisms and Arteriogenesis;
- Thymosin β4: A Promising Therapeutic Agent to Promote Arteriogenesis;
- Bone Marrow Derived Cells in Arteriogenesis;
- Local and Sustained Drug Delivery in Arteriogenesis;
- Collateral Artery Growth in Man, from Assessment to Stimulation;
- Stimulation of Arteriogenesis via External Counterpulsation

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Message from the Editor-in-Chief

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