Special Issue

Devices for Vascular Intervention

Message from the Guest Editors

Vascular interventions have revolutionized the field of medicine, enabling minimally invasive procedures for the treatment of various cardiovascular conditions. The development of advanced devices plays a pivotal role in improving patient outcomes, enhancing precision, and minimizing procedure-related risks. This Special Issue aims to shed light on the cutting-edge research and technological advances in the design, development, and application of devices for vascular intervention. The scope of this Special Issue encompasses a wide range of topics, including but not limited to novel device designs and engineering concepts, catheter-based intervention technologies, guidewires and microcatheters, balloon angioplasty and stent deployment systems, vascular closure devices, embolic protection devices, intravascular imaging and diagnostic tools, robotics and remote navigation systems. biomaterials, and biocompatible coatings, as well as emerging technologies for minimally invasive procedures.

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Editor-in-Chief

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