

Special Issue

Stents and Interventional Devices: Bioengineering and Biomedical Applications

Message from the Guest Editor

This Special Issue on “Stents and Interventional Devices: Bioengineering and Biomedical Applications” is designed for scientific findings in the development of a variety of interventional devices, including multifunctional and creative stents and catheters based on clinical unmet needs. Various stents have rapidly evolved from rigid plastic tubes to flexible metallic or biodegradable stents. Stents have been used for the treatment of luminal obstructions including vascular and non-vascular, including the digestive, respiratory, and urinary system by minimally-invasive procedures using medical imaging guidance. Multifunctional stents have been investigated for reduction of stent-related complications and/or localized therapy using anticancer drugs, application of various nanoparticles, and stent surface modifications. In this Special Issue, we encourage the submissions of original research and comprehensive reviews focused on stents and interventional devices-related research.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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