

Special Issue

Advances in Diagnosis and Interventional Therapy of Coronary Artery Disease

Message from the Guest Editors

Coronary artery disease is the leading cause of death worldwide. Intracoronary imaging and coronary physiology techniques allow for a tailored diagnosis (distinguishing between fixed coronary stenosis, vasospasm, microcirculatory dysfunction, coronary dissection, and plaque rupture and erosion). Furthermore, percutaneous coronary intervention (PCI), the most widely used myocardial revascularization technique, has undergone numerous advances thanks to the introduction of intracoronary imaging, drug-coated balloons, and bioresorbable scaffolds (BRSs). Moreover, coronary bifurcations represent a challenge for the interventional cardiologist and are associated with a higher failure rate. This topic will cover the following important aspects of coronary artery disease diagnosis and treatment:

- Treatment of coronary bifurcation lesions;
- Intracoronary imaging (intravascular ultrasound (IVUS); optical coherence tomography (OCT));
- Coronary physiology techniques;
- Drug-coated balloons;
- Bioresorbable scaffold (BRS).

Research articles, review articles, and communications are invited.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The primary goal of the *Journal of Cardiovascular Development and Disease* (JCDD, ISSN 2308-3425) is to provide cardiovascular scientists a platform to publish their work in a quick and efficient way. Topics can range from studies designed to decipher the events underlying early heart development to studies focusing on the origins of congenital and acquired heart disease. Papers submitted to JCDD undergo a fast, yet thorough, peer-review process. In this process, we will apply strict ethical policies and standards. JCDD guarantees fast dissemination of results to a large scientific audience

Editor-in-Chief

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