Special Issue

Advances in the Diagnosis of Coronary Artery Disease

Message from the Guest Editor

Although our understanding of the biology of atherosclerosis is improving, coronary artery disease (CAD) remains the leading cause of death worldwide. State-of-the art diagnosis of CAD is crucial for the optimized prediction of adverse events, the management of affected individuals, and the prevention of cardiovascular death. Recent progress in this field has allowed for the precise and early identification of coronary artery segments prone to rupture or erode, as well as a less invasive identification of stenoses causing myocardial ischemia (such as angiography-based coronary flow indices). This Special Issue of *Diagnostics* will focus on challenges, limitations, and future perspectives related to the morphometric and functional assessment of coronary stenosis severity, using both non-invasive and invasive modalities, as well as novel algorithms employing computational fluid dynamics and artificial intelligence.

Guest Editor

Dr. Mariusz Tomaniak

First Department of Cardiology, Medical University of Warsaw, Warsaw, Poland

Deadline for manuscript submissions

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reports or interesting images for consideration and
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of our authors.

Editor-in-Chief

Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National
University Hospital, Rigshospitalet, University of Copenhagen,
Blegdamsvej 9, DK-2100 Copenhagen, Denmark

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