

Special Issue

Applied Invasive Coronary Physiology for Tailored Treatment of Coronary Artery Disease

Message from the Guest Editors

In the past few decades, a great amount of evidence has been collected concerning the role of precise intracoronary invasive physiological evaluation in CAD-related decision making. CAD treatment results regarding safety, efficacy, and cost effectiveness have improved considerably. In line with these developments, current guidelines on coronary interventions emphasize lesion-specific, and in this term, personalized decisions before percutaneous coronary interventions—with the utilization of invasive coronary physiology. However, there are still several open questions in this field, such as identifying the best approach to find appropriate resting and/or hyperemic pressure indices for both the vessel and lesion levels. Similarly, the clinical value of Doppler and thermodilution techniques for the direct assessment of coronary and microvascular flow is also a debated field. At the same time, myocardial microvasculature has come to the forefront of clinical research in order to develop new patient-specific therapeutical options.

In the light of the above advances in personalized evaluation as well as the management of CAD, this Special Issue focus on coronary physiology.

Guest Editors

Dr. Gábor Tamás Szabó

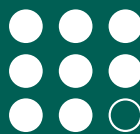
Department of Cardiology, Faculty of Medicine, University of Debrecen, Debrecen, Hungary

Dr. Zsolt Kőszegi

Department of Cardiology, Faculty of Medicine, University of Debrecen, Debrecen, Hungary

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jpm@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

Department of Laboratory Medicine and Pathobiology, Department of Surgery, University of Toronto, 6 Queens Pk Crescent W.F, Toronto, ON M5S 3H2, Canada

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