

Special Issue

Vascular Diagnostic Imaging

Message from the Guest Editor

With the advancement of imaging tests, many vascular diagnostic imaging techniques are available for use clinically. Given this opportunity, I would like to discuss research on flow-mediated dilation (FMD) and intravascular ultrasound (IVUS)/optical coherence tomography (OCT). FMD is a noninvasive vascular function test that measures changes in artery diameter in response to reactive hyperemia. This indicates that endothelial function is a predictor of cardiovascular events such as cardiac death, myocardial infarction, and stroke. IVUS-guided PCI (percutaneous coronary intervention) and OCT-guided PCI are increasingly being implemented globally; this is an area in which many research results have been published recently. This Special Issue welcomes reviews of the research conducted so far on FMD and IVUS/OCT and studies which introduce new research in terms of these techniques.

Guest Editor

Dr. Hyo-Suk Ahn

Division of Cardiology, Department of Internal Medicine, The Catholic University of Korea, Uijeongbu St. Mary's Hospital, Seoul, Republic of Korea

Deadline for manuscript submissions

closed (30 November 2025)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/197238

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

[mdpi.com/journal/
diagnostics](https://mdpi.com/journal/diagnostics)





Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



[mdpi.com/journal/
diagnostics](https://mdpi.com/journal/diagnostics)



About the Journal

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one 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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).