

## Special Issue

# Pathology and Molecular Diagnosis of Vascular Diseases

### Message from the Guest Editors

Vascular diseases remain a leading cause of morbidity and mortality worldwide. Despite advances in clinical management, early detection and accurate diagnosis remain critical in improving patient outcomes and optimizing therapeutic strategies.

Molecular pathology has emerged as a revolutionary approach, providing deeper insights into the genetic, epigenetic, and biochemical mechanisms underlying vascular disorders such as atherosclerosis, aneurysms, vasculitis, and thrombosis. Innovative diagnostic approaches have revolutionized the identification of biomarkers and disease-specific genomic fingerprints. Recent studies have highlighted the potential to integrate molecular diagnostics into advanced imaging techniques to improve early detection, disease characterization, and treatment monitoring.

Given the urgent need for more effective diagnostic and therapeutic solutions, this Special Issue will showcase high-quality research, systematic reviews, and clinical studies that explore new molecular diagnostic approaches, identify prognostic biomarkers, and evaluate their clinical application in the management of vascular diseases.

---

### Guest Editors

Dr. Francisco S. Lozano Sánchez

Vascular Surgery Service, University Hospital, School of Medicine, Salamanca University, 37007 Salamanca, Spain

Prof. Dr. María Begoña García-Cenador

Department of Surgery, Faculty of Medicine, University of Salamanca, 37007 Salamanca, Spain

---

### Deadline for manuscript submissions

closed (28 February 2026)



## Diagnostics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 5.9  
Indexed in PubMed



[mdpi.com/si/232977](https://mdpi.com/si/232977)

*Diagnostics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[diagnostics@mdpi.com](mailto: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 21.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).