

Special Issue

Advances in Cardiovascular Magnetic Resonance

Message from the Guest Editors

Cardiovascular disease remains the leading cause of death worldwide. Cardiovascular magnetic resonance (CMR) imaging is a versatile and non-invasive imaging modality that accurately diagnoses and characterizes cardiovascular disease. CMR is widely accepted as the gold standard for the evaluation of cardiac function. CMR can also characterize various conditions affecting myocardial tissue such as inflammation, edema, necrosis, and fibrosis. Recently, new techniques including T1 mapping, extracellular volume fraction, myocardial strain, 4D flow, DWI/DTI, and chemical exchange saturation transfer (CEST) have further expanded the role of CMR in the diagnosis, risk stratification, and management of cardiovascular diseases. The aim of this Special Issue is to provide an update on the recent advances in basic, translational, and clinical CMR research. We are looking for original research articles as well as reviews that discuss recent advances in CMR, new CMR techniques, and/or future directions of CMR.

Guest Editors

Prof. Dr. Minjie Lu

Department of Magnetic Resonance Imaging, Fuwai Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China

Dr. Arlene Sirajuddin

Radiology and Imaging Sciences, Clinical Center, National Institutes of Health (NIH), Bethesda, MD, USA

Deadline for manuscript submissions

closed (31 August 2023)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/108559

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).