

## Special Issue

# New Horizons in Breast Cancer Magnetic Resonance Imaging

### Message from the Guest Editors

Magnetic resonance imaging (MRI) has experienced fast advancements in recent decades, leading to continued technical improvements and the development of new methods and procedures. This Special Issue will focus on the ongoing advancements of MRI in breast cancer screening, diagnosis, prognosis, and follow-up of therapy. Specifically, it will describe the various ways and means of breast MRI, including innovations in pulse sequences, in the various exogenous contrast-enhanced methods, in new developments of intrinsic contrast methods based on water diffusion, magnetization transfer, arterial spin labeling, as well as sodium imaging and metabolic imaging using hyperpolarized <sup>13</sup>C-labeled precursors. In addition, this issue will cover the initial role of radiomics and artificial intelligence algorithms in improving processing and analysis of breast MRI.

### Guest Editors

Prof. Dr. Hadassa Degani

Department of Immunology and Regenerative Biology, Weizmann Institute of Science, Rehovot 7610001, Israel

Dr. Edna Furman-Haran

1. Life Sciences Core Facilities, Weizmann Institute of Science, Rehovot 7610001, Israel

2. The Azrieli National Institute for Human Brain Imaging and Research, Weizmann Institute of Science, Rehovot 7610001, Israel

### Deadline for manuscript submissions

closed (31 October 2023)



## Diagnostics

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 5.9  
Indexed in PubMed



[mdpi.com/si/145088](https://mdpi.com/si/145088)

*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 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).