

Special Issue

Imaging of Bone Metastases in Oncology

Message from the Guest Editors

Bone metastases are well known complications to advanced cancer, e.g., in common cancers like prostate, breast, and lung cancer. Imaging of bone metastases are key in staging, suspected recurrent disease, and for treatment monitoring of palliative care in metastatic disease. Imaging modalities like bone scintigraphy, X-ray, and CT have standard of care in the last decades. Newer modalities like PET/CT with various tracers and diffusion-weighted MRI have been introduced with apparent premium diagnostic performance. From a diagnostic test accuracy perspective, bone metastases may be difficult to handle for several reasons, including failure to obtain a valid reference for the presence or absence of malignancy, in particular at the lesional level. This Special Issue provides an up to date view of the advances made towards imaging of bone metastases in oncology. It canvasses all fields and modalities of imaging of bone metastases, from diagnosis, prognosis, comparative studies with other biomarkers, research methodology, health care analyses, and guidelines.

Guest Editors

Prof. Dr. Lars J. Petersen

Department of Nuclear Medicine, Aalborg University Hospital, and
Department of Clinical Medicine, The Faculty of Medicine, Aalborg
University, Aalborg, Denmark

Dr. Helle D. Zacho

1. Department of Nuclear Medicine and Clinical Cancer Research
Center, Aalborg University Hospital, DK-9000 Aalborg, Denmark
2. Department of Clinical Medicine, Aalborg University, DK-9000
Aalborg, Denmark

Deadline for manuscript submissions

closed (31 January 2018)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/10817

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).