Special Issue

Photon-Counting CT in Clinical Application

Message from the Guest Editor

The Special Issue "Photon-Counting CT in Clinical Application" focuses on the use of photon-counting technology in clinical application and the resulting possibilities for optimized patient care. Photon-counting CT has now been applied in many institutions in everyday routine care, and studies are becoming increasingly patient-oriented as a result. The main topic of the research is on the various application possibilities of spectral imaging, tissue characterization, and the advantages of higher spatial resolution made possible by the new detector principle. The purpose of this Special Issue is to bundle innovative photon-counting CT patient studies or studies with a direct link to patient care, regardless of the specialist discipline.

Guest Editor

Dr. Philipp Gruschwitz

Department of Diagnostic and Interventional Radiology, University Hospital Würzburg, 97080 Würzburg, Germany

Deadline for manuscript submissions

31 October 2025



Diagnostics

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 5.9 Indexed in PubMed



mdpi.com/si/228099

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

mdpi.com/journal/diagnostics





Diagnostics

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 5.9 Indexed in PubMed



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, CAPlus / 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).

