



diagnostics



an Open Access Journal by MDPI

Scaling Datasets, Annotations and Algorithms for Medical Image Segmentation

Guest Editors:

Dr. Zongwei Zhou

Department of Computer
Science, Johns Hopkins
University, Baltimore, MD, USA

Dr. Jeya Maria Jose

Department of Computer
Science, Johns Hopkins
University, Baltimore, MD, USA

Message from the Guest Editors

We encourage the creation of new annotations for a variety of organs and tumors, including partial labels, noisy labels, clinical applications, and the promotion of standardized labeling protocols. We also invite contributions that develop novel algorithms to exploit large datasets, such as high-resolution imaging and benchmarking AI models, and ultimately establish foundational models for medicine.

Deadline for manuscript
submissions:

closed (31 July 2025)



mdpi.com/si/175133

Special Issue



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [Inspec](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

Contact Us

Diagnostics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/diagnostics
diagnostics@mdpi.com
[X@diagnostic_mdpi](#)