

Special Issue

New Advances in Lung Ultrasound

Message from the Guest Editor

Lung ultrasonography (LUS) has evolved considerably in recent decades, gaining prominence in diverse medical disciplines. This non-invasive diagnostic modality offers significant benefits in evaluating pulmonary and pleural pathologies, encouraging an increasing number of clinicians to utilize it, especially in bedside diagnostics. LUS forms an integral part of point-of-care ultrasound, now extensively utilized in emergency medicine, intensive care, neonatology, pediatrics, family medicine, and various internal medicine subspecialties. Despite the growing body of evidence for the utility of LUS, there is a discernible gap in comprehensive, evidence-based understanding of LUS, especially from a multidisciplinary perspective. This gap underscores the necessity for continued scholarly inquiry and dissemination, particularly contributions encompassing clinical, sonographic, and engineering insights in applying LUS. We invite submissions (of original research, systematic reviews, case studies, etc.) that advance the scientific and clinical understanding of lung ultrasonography.

Guest Editor

Dr. Natalia Buda

1. Simulation Laboratory of Endoscopic and Minimally Invasive Techniques, Medical University of Gdansk, 80-211 Gdansk, Poland
2. Lung Transplantation Department of Cardio Surgery Clinic, University Clinical Center in Gdansk, 80-211 Gdansk, Poland

Deadline for manuscript submissions

closed (28 February 2025)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/190874

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).