

Special Issue

Inflammatory Pathways and Diagnostic Strategies in Chronic Diseases

Message from the Guest Editors

Chronic diseases pose long-term health challenges and represent a growing burden for healthcare systems worldwide. Increasing evidence highlights that chronic, low-grade inflammation plays a pivotal role in the initiation, progression, and complications of these conditions, providing shared molecular and cellular mechanisms that link seemingly distinct diseases. This Special Issue “Inflammatory Pathways and Diagnostic Strategies in Chronic Diseases” aims to highlight recent developments and emerging technologies that enhance the understanding and detection of inflammation-driven processes in chronic disorders. We welcome submissions that explore novel diagnostic approaches, advances in inflammation-related biomarker discovery, and the integration of molecular profiling, imaging, and computational tools, including artificial intelligence and digital health technologies. By emphasizing inflammation as a unifying pathophysiological mechanism, this Special Issue seeks to provide a platform for researchers and clinicians working at the intersection of basic science and clinical diagnostics to improve early detection, disease monitoring, and personalized management of chronic diseases.

Guest Editors

Prof. Dr. Liliana-Georgeta Foia
Dr. Maria Alexandra Mârțu
Dr. Minerva Codruta Badescu

Deadline for manuscript submissions

31 December 2026



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.9
Indexed in PubMed



mdpi.com/si/260107

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 6.9
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 - Q1 (Internal Medicine)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).