



Challenges and Advances in Inflammation Related Diagnostics

Guest Editor:

Dr. Konstantinos Stamatakis

1. Centro de Biología Molecular
Severo Ochoa, Universidad
Autónoma de Madrid, Madrid,
Spain

2. Consejo Superior de
Investigaciones Científicas,
Universidad Autónoma de
Madrid, Madrid, Spain

Deadline for manuscript
submissions:

closed (20 December 2022)

Message from the Guest Editor

Although controlled, intermittent increases in inflammation are useful to maintain homeostasis, protecting against pathogens or promoting repair after tissue injury, acute and especially chronic inflammation underlie many pathological situations. In the last 20 years, scientific breakthroughs have shown that the immune system and inflammatory processes participate in a wide variety of health disorders (both mental and physical). Acute inflammation is generally useful, but when exacerbated in magnitude or when it becomes systemic, it can become detrimental, as in the case of allergic or septic shock. Chronic inflammation, which is considered to always be negative, has been associated with cancer, diabetes, cardiovascular disease, arthritis, neurodegenerative diseases, and asthma, among others. The search for biomarkers and modulators of the inflammatory and immune processes is necessary for monitoring and treating numerous pathologies. In this Special Issue, we seek contributions related to novel biomarkers, modulators, and effectors of inflammatory and immune processes.





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 - Q2 (*Medicine, General & Internal*)

Contact Us

Diagnostics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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