



an Open Access Journal by MDPI

Low-Cost Diagnostic Devices

Guest Editor:

Dr. Azadeh Nilghaz

Institute for Frontier Materials,
Deakin University, Victoria 3217,
Australia

Deadline for manuscript
submissions:

closed (20 January 2023)

Message from the Guest Editor

Dear Colleagues,

The diagnostic process involves a wide variety of tools and equipment which are not always affordable, available, and time-efficient. Microfluidic fibre-based devices could potentially construct low-cost diagnostic platforms alternative to conventional laboratory testing with the objectives of saving more lives and providing accessible healthcare to all. Intensive research has accumulated a huge number of scientific publications on the development of these devices. However, their evolution into a market-ready format without sacrificing sensitivity and specificity of the test outcome is a key requirement which is not being fully met and needs further research and development.

This Special issue aims to provide a peer-reviewed resource for the development of practical and marketable lab-on-a-chip devices for diagnostic applications and improve clinical outcomes and more effective patient management and safety. This issue is of interest to a broad audience of healthcare professionals and publishes original research, technical reports, short communications, and reviews.

Dr. Azadeh Nilghaz
Guest Editor



mdpi.com/si/77164

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, CAPlus / 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](https://twitter.com/diagnostic_mdpi)