Special Issue

Microsystems for Point-of-Care Testing, Volume II

Message from the Guest Editor

Point-of-care (POC) testing offers the opportunity to move healthcare away from the symptomatic treatment of diseases toward more predictive, preventive and personalised medicine. POC testing has advantages over centralised rapid analysis laboratories with no requirement for expensive capital infrastructure or staff with specialist technical expertise. These devices are applicable in a variety of settings including within primary, secondary and tertiary care, as well as within low to medium income countries (LMICs). A wide range of advances—including in assays, transducers, microfluidics and device fabrication, connected instrumentation and data analytics-have allowed the development of a variety of applications, including for chronic and infectious disease conditions. These advances are reflected in an increasing number of scientific publications, patents and commercial products that demonstrate high sensitivity, selectivity and reliability, as well as fast, accurate, cost-effective and user-friendly assays.

Guest Editor

Prof. Dr. Zulfiqur Ali

Research and Knowledge Exchange, University of Cumbria, Fusehill Street, Carlisle CA1 2HH, UK

Deadline for manuscript submissions

closed (31 October 2021)



Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.2 Indexed in PubMed



mdpi.com/si/64413

Micromachines MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 micromachines@mdpi.com

mdpi.com/journal/ micromachines





an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.2 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the 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 free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Ai-Qun Liu

- 1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China
- 2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q2 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.8 days (median values for papers published in this journal in the second half of 2024).

