

# Special Issue

## Small-Scale Devices in Biomedical Engineering

### Message from the Guest Editors

We are pleased to invite you to contribute to a Special Issue focusing on "Small-Scale Devices in Biomedical Engineering". This research area is at the forefront of innovation, with significant implications for healthcare, diagnostics, and therapeutics. The integration of small-scale devices into biomedical applications has revolutionized medical practices, enabling precise control, enhanced sensitivity, and portability. From microfluidic devices for point-of-care diagnostics to miniaturized implants for drug delivery, the development and utilization of small-scale devices are transforming the landscape of biomedical engineering. This Special Issue aims to explore the latest advancements and applications of small-scale devices in biomedical engineering. We welcome original research articles and reviews addressing various aspects of small-scale devices in biomedical engineering. We look forward to receiving your contributions to this Special Issue, which promises to be a comprehensive collection of cutting-edge research in the field of small-scale devices in biomedical engineering.

### Guest Editors

Prof. Dr. Xianqiang Bao

Dr. Shuaizhong Zhang

Dr. Meng Li

Dr. Xiaoguang Dong

### Deadline for manuscript submissions

closed (20 November 2024)



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/200520](https://mdpi.com/si/200520)

*Micromachines*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[micromachines@mdpi.com](mailto:micromachines@mdpi.com)

[mdpi.com/journal/  
micromachines](https://mdpi.com/journal/micromachines)





# Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/journal/  
micromachines](https://mdpi.com/journal/micromachines)



## 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.

---

### 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 - Q1 (Mechanical Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).