



## Wearable Devices for Healthcare

Guest Editor:

**Dr. Jungil Choi**

School of Mechanical  
Engineering Kookmin University,  
Seoul 02707, Korea

Deadline for manuscript  
submissions:

**closed (20 November 2021)**

### Message from the Guest Editor

Dear Colleagues,

Microfluidic platforms have performed important roles in healthcare applications because they have the capability of manipulating small amounts of fluids. Biofluids such as blood, urine, tears, sweat, and saliva are performing a crucial role to support human health and contain various important biomarkers. Also, mammalian cells in the microscale are basic building blocks of the human body. And, the human body is living with various kinds of microorganisms which are also on the microscale. Controlling the biofluids and cells in a precise way allows microfluidics to take an important role in healthcare. Accordingly, this Special Issue is looking for research papers, short communications, and review articles that use microfluidics for the in vitro diagnostics, point of care testing, wearable sensors, implantable device, organ on a chip and biosystems.

Dr. Jungil Choi  
*Guest Editor*





an Open Access Journal by MDPI

## 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

## 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

**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, Ei Compendex, dblp, and other databases.

**Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Mechanical Engineering*)

## Contact Us

---

*Micromachines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/micromachines](http://mdpi.com/journal/micromachines)  
[micromachines@mdpi.com](mailto:micromachines@mdpi.com)  
[X@micromach\\_mdpi](https://twitter.com/micromach_mdpi)