

## Special Issue

# Advanced Biofabrication Technologies

### Message from the Guest Editors

Biofabrication integrates the knowledge and skills of multiple subjects (materials science, chemistry, cell biology, molecular biology, mechanical engineering, and medicines). Biofabrication technology has been extensively applied to build biocompatible, bio-matter-laden, or cell-laden constructs for very extensive applications in life sciences and medicine. The advancement in biofabrication technologies has led to outstanding innovations in the area of bioengineering, biology, medical science/device, and healthcare products. However, there are remaining challenges in addressing medically unmet needs that requires breakthroughs in biofabrication. This Special Issue will present the latest biofabrication technologies. The scope encompasses new biofabrication strategies, advanced system developments, biomaterial formulations, structural design/optimization, innovative therapies, *in vitro* modeling of pathophysiology, drug exploration, and other relevant topics. Communications, reviews, future perspectives are also welcome.

### Guest Editors

Dr. Hee-Gyeong Yi

Dr. Yeong-Jin Choi

Dr. Ge Gao

### Deadline for manuscript submissions

closed (31 January 2022)



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/71124](https://mdpi.com/si/71124)

*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.

---

### 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 - Q1 (Mechanical Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).