



## **Micro- and Nanotechnologies for Medicine: Emerging Frontiers and Applications**

Guest Editors:

**Dr. Mehmet Remzi Dokmeci**

Terasaki Institute for Biomedical  
Innovation, 1018 Westwood Blvd,  
Los Angeles, CA 90024, USA

**Dr. Samad Ahadian**

Department of Bioengineering,  
University of California – Los  
Angeles, 570 Westwood Plaza,  
Los Angeles, CA 90095, USA

Deadline for manuscript  
submissions:

**closed (15 December 2019)**

### **Message from the Guest Editors**

Dear Colleagues,

This Special Issue will publish both selected papers from the 7th annual workshop on “Micro- and Nanotechnologies for Medicine: Emerging Frontiers and Applications” (8–12 July 2019, Los Angeles, CA, USA, <http://mnm.tissueeng.net/>) and external contributions. Advances that have been made in micro- and nanotechnologies are expected to open up new possibilities and applications in diagnostics, therapy, drug delivery, and regenerative medicine. In this workshop, participants will acquire the fundamentals and advances in the fields of three dimensional bioprinting, bioMEMS, biomaterials, and tissue engineering. Leading experts will present the latest advances in the development of novel micro- and nanotechnologies and address a range of different challenges that are of importance to biomedicine at the interface of engineering, medicine, and biological sciences.

Prof. Mehmet Remzi Dokmeci  
*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 (Instruments and Instrumentation) / CiteScore - Q1 (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://x.com/micromach_mdpi)