



Micro and Nano Robotic Platforms for Biomedical Applications

Guest Editor:

Dr. Mohammad Ali Nasser

Klinik und Poliklinik für
Augenheilkunde, Technische
Universität München, 81675
München, Germany

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

Dear colleagues,

Micro and nano machines are gaining emerging interest in the field of biomedical applications. Precise targeted delivery of therapeutics, precision surgery, cellular level micromanipulation, regenerative medicine, and organ printing are among those application which can benefit significantly from this field. Sharing latest achievements in such a multi- and inter-disciplinary field plays a vital role in advancing micro and nano robotic technology, which has obvious impacts in the future of medicine and biological sciences.

This Special Issue is a platform for the dissemination of novel scientific results related to micro and nano robotic research with a focus in biomedical applications. The topics of interest are, but are not limited to the following: micro and nano robotics, machine intelligence, image guided solutions, artificial intelligence and deep learning methods for micro and nano manipulation or operation. Multidisciplinary projects with direct involvement of engineers, computer scientists, clinicians and biologists are specifically encouraged.





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

mdpi.com/journal/micromachines
micromachines@mdpi.com
[X@micromach_mdpi](https://twitter.com/micromach_mdpi)