



## State-of-the-Art Lab-on-a-Chip Technology in Japan

Guest Editors:

**Prof. Dr. Manabu Tokeshi**

Division of Applied Chemistry,  
Faculty of Engineering, Hokkaido  
University, Kita 13 Nishi 8, Kita-  
ku, Sapporo 060-8628, Japan

**Prof. Dr. Takehiko Kitamori**

Department of Applied  
Chemistry, School of Engineering,  
The University of Tokyo, 7-3-1,  
Hongo, Bunkyo, Tokyo 113-8656,  
Japan

Deadline for manuscript  
submissions:

**closed (15 December 2018)**

### Message from the Guest Editors

Dear Colleagues,

Japanese researchers have made great contributions to Lab-on-a-Chip communities since 1990, when the concept of  $\mu$ -TAS was proposed. Lab-on-a-Chip technology from Japan always had a significant impact on the mainstream of Lab-on-a-Chip and  $\mu$ -TAS research. We expect that Japanese researchers will contribute continuously to this field. This Special Issue aims to provide a comprehensive overview of the state-of-the-art Lab-on-a-Chip technology in Japan. We invite research articles that will consolidate our understanding of the state-of-the-art in this area. The Special Issue will publish full research, review, and highly-rated manuscripts addressing the abovementioned topic.

Prof. Dr. Manabu Tokeshi

Prof. Dr. Takehiko Kitamori

*Guest Editors*





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)