Special Issue

Recent Advances of Micromachines in Medicine & Biology

Message from the Guest Editor

The world market for microdevices in both medicine and in biology is expanding rapidly. This also presents new challenges for the microsystem community to meet these often-demanding requirements. Micromachines offer many opportunities for both sensors and actuators. Accordingly, we hereby announce a Special Issue addressing the advances in micromachines in medicine and biology. These devices are typically in the range from the sub-mm to the nano-meter scale. We invite submissions on all aspects of the development of micromachines in both these fields. Examples of topics include implantable sensors and actuators, wearable devices, microfluidic devices and systems, microrobots, energy scavenging, etc. Related novel system concepts and application proposals are acceptable contributions. Within each of these areas, there are issues such as technology, power, safety, design, packaging, etc. Contributions covering any of these issues for micromachines when applied to medicine and biology will be considered.

- micromachining
- micropumps
- microfluidic systems
- implantable devices
- wearable MEMS
- microrobots
- energy scavenging
- flexible MEMS

Guest Editor

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Deadline for manuscript submissions

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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.

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