



Recent Advances of Micromachines in Medicine & Biology

Guest Editor:

Prof. Dr. Paddy J. French

Department of Microelectronics,
Delft University of Technology,
2628 CD Delft, The Netherlands

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submissions:

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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





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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

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Micromachines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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