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## Micromanipulation and Biosensing: Emerging Technologies and Applications

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Deadline for manuscript submissions:

**closed (31 January 2024)**

### Message from the Guest Editors

Dear Colleagues,

Micromanipulation and biosensing are two rapidly growing fields that have significant potential to revolutionize various industries such as healthcare, biotechnology, and nanotechnology. This Special Issue aims to showcase the latest advances in these fields and their applications.

One of the key topics covered in the Special Issue is microrobotics, which involves the design and fabrication of micro- and nano-scale robots capable of performing a variety of tasks. This includes robots that can be used for drug delivery, tissue engineering, and even environmental monitoring.

Another focus of the Special Issue is on biosensors, which are devices that can detect and measure biological or chemical substances in a sample. Biosensors have significant applications in medical diagnostics, environmental monitoring, and food safety. The Special Issue also features the advanced development of novel biosensors and their integration with microfluidics and microrobotics.

Furthermore, this Special Issue includes manuscripts on biomanipulation, which involves the manipulation of biological cells and tissues at the micro- and nanoscale.



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**Special** Issue



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## Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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