

## Special Issue

# Recent Progress of Lab-on-a-Chip Assays

### Message from the Guest Editors

This Special Issue of *Micromachines*, titled “Lab-on-a-Chip Assays”, hopes to cover all aspects of the microfluidic platform applied to sensors, including original research and review papers to be considered for publication. The aim of this Special Issue is to highlight 3D printed devices, wearable devices, biosensors, point-of-care testing, lateral flow assays, immunoassay and nanomaterials. We invite the submission of full research papers, review articles and communications covering the related topics. Lab-on-a-chip assays (LoCAs) are a promising strategy for analysis, including food safety detection, environmental analysis and clinical diagnostics. LoCAs are integrated into small devices to build wearable devices that provide an important basis, for example for the real-time monitoring of athletes’ movements (blood glucose, pH, etc). Meanwhile, LoCA devices and sensors for bioanalysis, point-of-care testing and wearable sensors are also gaining popularity. We look forward to receiving your contributions.

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### Guest Editors

Dr. Binfeng Yin

Dr. Chaouiki Abdelkarim

Dr. Xiaodong Lin

Dr. Pan Zhang

Dr. Biao Zhang

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### Deadline for manuscript submissions

31 March 2026



## Micromachines

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## About the Journal

### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Ai-Qun Liu

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