

Sensors and Materials

Special Issue on Micro/Nano Sensing Platforms Exploring Biomedical Innovation

Call for Papers

Research and development of various micro/nano sensing platforms are being actively conducted to produce innovative tools in the fields of biochemistry, medicine, and drug discovery. Biosensing technology based on this new concept has made remarkable progress, for example, highly sensitive measurements utilizing nanomaterials and nanotechnology; sample control such as in micro-fluidics, -pumps, -valves; and integration of analytical steps and electronics. With these advances, it has become possible to detect biomolecules with high precision, sensitivity, and spatiotemporal resolution that have never been achievable before. This special issue focuses on the cutting-edge micro/nano biosensors that will contribute to next-generation biomedical applications.

Scope:

- Biosensors and Bioanalysis
- Micro/Nano Fluidics
- Nanotechnology and Nanomaterials
- Biomedical Applications

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Guest Editor: Prof. Ryoji Kurita (National Institute of Advanced Industrial Science and Technology)

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2. Email to MYU K.K. (myukk@myu-inc.jp)

(Attention)

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