

**Special Issue on Advanced Biomedical Sensing and Processing**

Call for Papers

Biomedical sensing is actively researched around the world, yielding fruitful results in clinical inspection, therapeutics, and bioscience. These evolutions have been driven by the advanced sensors and materials incorporating biological function factors, the artificial-intelligence-based analysis methods, and the development of integration methods that fuse and collaborate technologies effectively. In this special issue, we will focus on the sensing and data processing technologies and systems related to optic, electromagnetic, force-dynamic, wave-dynamic, and pneumatic sensing for medicine and biological research.

Scope:

- Clinical sensing and inspection
- Biological sensing
- Sensor materials and devices
- Signal processing for clinical and biological sensing
- Analysis of clinical or biological signals
- Systems integrating biomedical sensing technologies

These materials, devices, and systems will be based on some technological advances from the engineering standpoint and not on clinical reports.

**Guest editor:** Yoshikazu Nakajima (Tokyo Medical and Dental University)

**Submission due date:** 31 October, 2022

**Publication date:** Spring 2023

**Journal website:** <https://myukk.org>

**Submit to:**

1. Online Manuscript Submission System  
(<https://myukk.org/form/>) or
2. Email to MYU K.K. ([myukk@myu-inc.jp](mailto:myukk@myu-inc.jp))

Editorial Department of *Sensors and Materials*  
MYU K.K.

1-23-3-303 Sendagi, Bunkyo-ku, Tokyo 113-0022, Japan

Tel: +81-3-3827-8549, Fax: +81-3-3827-8547

E-mail: [myukk@myu-inc.jp](mailto:myukk@myu-inc.jp)

