

# *Sensors and Materials*

## Special Issue on Biosensing Devices and Systems

### Call for Papers

Biosensors are used in various fields such as medicine, food, chemistry, and the environment, with the range of applications continuing to expand. For the sensing of new targets or more advanced sensing, the approach to sensing is also changing, with the trend toward the miniaturization and integration of entire systems, including the control of liquid environments such as in lab-on-a-chip and micro total analysis systems. Furthermore, in fields where on-site measurement is required, pre-processing such as sampling and filtering is critical and often a more difficult technical challenge than the sensing itself. In this special issue, we broadly call for research results related to biosensing, in response to the expanding diversity of sensing methods and detection targets.

Some keywords for the target fields are listed below, but we are open to research related to biosensing in a wide range of fields including those not listed.

#### Scope:

Electrical biosensors	Wearable devices
Electrochemical biosensors	Fabrications
Photonic biosensors	Simulations
Microbial sensors	Bonding and integration
Bionanoparticle sensors	Nanomaterials
Micro/nanofluidic devices and systems	Coatings
Lab-on-a-chip systems	

**Submission due date:** March 31, 2023

**Publication date (planned):** August 2023

**Journal website:** <https://sensors.myu-group.co.jp/>

**Guest Editor:** Takatoki Yamamoto (Tokyo Institute of Technology)

**Submit to:** Online Manuscript Submission System (<https://myukk-org.ssl-xserver.jp/form/>)

#### (Attention)

As stated in Instructions to Authors in the Guidelines, the author(s) will be obliged to pay the publication fee upon the acceptance of the manuscript for publication (for example, JPY 112200 for 10 pages in *Sensors and Materials* format). If the quality of the English of your manuscript does not satisfy the journal standards, the authors should bear the proofreading fee (JPY 10000–40000), which will be charged with the publication fee.

If you have any questions, please feel free to contact the editorial staff at the address below.

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)

