

## Special Issue

# Biosensors Based on Recombinant Antibodies—in Memory of Professor Hiroshi Ueda

### Message from the Guest Editors

Immunosensors are a kind of biosensor that is based on the specific recognition function of antigens and antibodies. Due to the advantages of high sensitivity, high specificity, simple use and low cost, immunosensor technology has been applied in a wide range of fields such as clinical medicine and biological monitoring technology, food industry, environmental monitoring and processing. With the development of molecular biology, the preparation of antibody fragments has become easier, and the immunodetection technology based on recombinant antibody fragments has also rapidly developed. Professor Hiroshi Ueda of the Tokyo Institute of Technology in Japan has experienced many great achievements in the research of biosensors based on antibody fragments. The Open Sandwich Immunoassay and Quenchbody technology invented by Professor Ueda have greatly contributed to the field. To commemorate the outstanding contributions of Professor Ueda, this Special Issue will mainly collect papers on detection technology based on antibody fragments to promote innovation and development in this field. You may choose our [Joint Special Issue in \*Methods and Protocols\*](#).

### Guest Editors

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### Deadline for manuscript submissions

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## Sensors

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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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