

# Special Issue

## Biosensors for MicroTAS

### Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue on Biosensors for MicroTAS, which are emerging research subjects with various applications from the macro to the micro scale. MicroTAS is a multidisciplinary field involving the design, construction, fabrication, operation, and use of robots/devices/instruments for diagnostic, evaluation, measurement, rapid detection in food safety, chemical, biological, medical diagnostic, and environmental monitoring applications. This Special Issue will focus on novel applications and methodologies in the field of microTAS for fully exploring the limitations of biosensor technology, including, but not limited to:

- automation of lab-on-a-chip and other biochip and microarray systems;
- on-chip measurement, evaluation, analysis, and detection for microTAS purposes;
- the development of biosensor methodologies and applications;
- methods for the fabrication of chip-based detection devices;
- biophotonic sensors and chemical sensing systems;
- novel biological and chemical sensors, including smart materials and microfluidic components; and
- advanced bionics sensors

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### Guest Editors

Dr. Yaxiaer Yalikun

Dr. Yoshitake Akiyama

Dr. Ming Li

Dr. Dahai Ren

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### Deadline for manuscript submissions

closed (31 March 2022)



## Biosensors

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## About the Journal

### Message from the Editor-in-Chief

*Biosensors* is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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### Editor-in-Chief

Prof. Dr. Giovanna Marrazza

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