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## Microfluidics for Biosensing

Guest Editors:

### **Dr. Shilun Feng**

State Key Laboratory of  
Transducer Technology,  
Shanghai Institute of  
Microsystem and Information  
Technology, Chinese Academy of  
Sciences, Shanghai, 200050,  
China

### **Prof. Dr. Mohsen Asadnia**

School of Engineering, Macquarie  
University, Sydney, NSW 2109,  
Australia

### **Dr. Ming Li**

School of Engineering, Macquarie  
University, Sydney, NSW 2122,  
Australia

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submissions:

**closed (15 September 2021)**

### **Message from the Guest Editors**

Dear Colleagues,

Rapid, accurate, real-time, on-site and multiplexed detection and characterization have been the requirements in current biosensor technology development, especially during the COVID-19 outbreak. Development of reliable and stable biosensors with point-of-care microfluidic biosensing platforms has attracted increasing attention from both academia and industry.

Microfluidics offer excellent platforms for biosensor development and biosensing. The platforms are useful for sample preparation, liquid handling, and cell/particles manipulation. Moreover, they can be further integrated with detection modules for a wide range of applications in healthcare, biochemistry, food and water quality, etc. This Special Issue will report the latest innovative microfluidic devices and technologies for biosensing applications. The main topic is related but not limited to:

- biomedical microfluidics
- lab on a chip
- miniaturized systems for chemistry and life science (MicroTAS)
- biosensor development and characteristics
- imaging and other detection technologies
- point-of-care testing microdevices
- food and water quality testing and control



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# Special Issue



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### **Prof. Dr. Giovanna Marrazza**

Department of Chemistry “Ugo Schiff”, University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

## 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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*Biosensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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