

## Special Issue

# Microfluidic Device Based Chemical and Biochemical Sensors

### Message from the Guest Editors

Microfluidic devices coupled to sensors or immunosensors offer benefits such as small sample volumes, rapid turnaround times, and low cost. These devices consist of microchannels for transporting fluids, with part or all of the necessary components of an assay procedure being integrated into the device. Moreover, microfluidic technology is one of the most striking technologies that can be integrated with electrochemical or optical sensing systems to improve the overall performance of detection systems.

This Special Issue of *Chemosensors* aims to collect the latest research in the field of microfluidic sensors applied to analyte determination in biological, pharmaceutical, agricultural, or environmental samples. Analytical work on all types of microfluidic sensors is welcome. Both original research papers and review articles will be considered for publication.

#### Keywords:

Electrochemical sensors;  
Microsensors-based nanomaterials;  
Optical sensors;  
Microfluidic devices

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### Guest Editors

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### Deadline for manuscript submissions

closed (1 October 2024)



## Chemosensors

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*Chemosensors* continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

### Editors-in-Chief

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