



Microfluidic Device Based Chemical and Biochemical Sensors

Guest Editors:

Dr. Martín A. Fernández-Baldo

Dr. Matías D. Regiart

Prof. Dr. Francisco G. Ortega

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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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Editor-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault

Institute of Analytical Sciences,
UMR CNRS 5280, Department
LSA, 5 Rue de La Doua, 69100
Villeurbanne, France

Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66
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