Special Issue

Lab on a Chip Technology for Pathogen Detection and Disease Diagnosis

Message from the Guest Editors

Lab-on-a-chip technology is playing an increasingly fundamental role in pathogen detection and disease diagnosis by offering biosensors with higher sensitivity, lower costs, and the potential to be mass-produced. This Special Issue calls for papers about new sensing mechanisms, new materials, new micro/nanofabrication processes, new devices, and new applications in lab-on-a-chip technology that are helpful for detecting pathogens such as viruses and bacteria, as well as for enabling disease diagnosis via detecting antibodies, DNA, RNA, exosomes, and cells. All original research or review articles are welcome on both the fundamentals, fabrication, and applications of micro/nanoscale biosensors.

Guest Editors

Dr. Cheng Wang
Dr. Huan Hu
Prof. Dr. Lingqian Chang

Deadline for manuscript submissions

closed (31 March 2023)

Biosensors

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Impact Factor 5.6
CiteScore 9.8
Indexed in PubMed

mdpi.com/si/98035

Biosensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biosensors@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giovanna Marrazza
Department of Chemistry "Ugo Schiff", University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

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