Special Issue

Microfluidic Biochips and Their Biomedical Applications

Message from the Guest Editor

In recent decades, microfluidic biochips have been used in numerous applications for biomedical research, including, but not limited to, organ-on-a-chip technologies, microscale flow control, microfluidic biosensors, droplet generation, drug delivery, DNA analysis, immunoassays, cell culturing, single-cell analysis, pathogen detection (viruses and bacteria), flow cytometry, bioprinting, tissue engineering, separation techniques, bioanalytical systems, etc.

We cordially invite you to submit groundbreaking research papers to this Special Issue on the biomedical applications of microfluidic chips. We are seeking original and innovative contributions with this focus. This is an excellent opportunity for you to share your latest findings, advancements, and insights with the active scientific community. The main topics of this special issue are related but not limited to:

- microfluidic biosensors
- microfluidic drug delivery
- microfluidic biomolecule analysis
- cell culturing and single-cell analysis
- bioprinting
- tissue engineering
- separation techniques

Guest Editor

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Deadline for manuscript submissions

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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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