



Microfluidic Biochips and Their Biomedical Applications

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

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





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Message from the Editor-in-Chief

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