



Development of Microfluidic Devices for Medical Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 May 2021)

Message from the Guest Editor

Dear colleagues,

In this Special Issue, we invite researchers to submit original research papers, review articles, and short communications addressing technical challenges in developing and manufacturing microfluidic devices for medical and diagnostics applications. The papers can cover all aspects of medical microfluidic devices, including but not limited to recent developments in the following areas: drug discovery and delivery; micropumps and microvalves; bioMEMS; microneedles; integrated on-chip sensors; lab-on-chip (LOC), organ-on-chip (OOC), biomedical microfluidic devices; manipulation of biofluids and cells; micro total analysis system (mTAS); bioassays; diagnostics and theranostics; manipulation of biomolecules and biofluids; and point-of-care (POC) testing.

Dr. Eric Chappel
Guest Editor





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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