

Special Issue

Optofluidic Devices for Cell Screening Purposes

Message from the Guest Editors

Ways to overcome these issues could be:

- a) The development of microfluidic devices integrating optical sensors. Microfluidics is an interdisciplinary discipline that focuses on the transport, manipulation and analysis of small amount of liquids, cells and particles. These devices guarantee high portability, accurate control when handling samples, simplified sample pretreatment protocols, and low consumption of samples and reagents.
- b) Sensing approaches that allow the monitoring of cells over a long period, in a label-free manner that does not affect the cell phenotype and metabolism, in order to discover new biomarkers and unknown as well as known molecules, resolve complex mixtures, and reduce sample pretreatments, in addition to enabling high resolution analysis.

This Special Issue will focus on these two aspects.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2020)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



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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.

Editor-in-Chief

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