



## Microfluidic Devices for Cell Screening Purposes

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### Message from the Guest Editors

Microfluidics is an interdisciplinary field that focuses on the transport, manipulation, and analysis of small amounts of liquids, cells, and particles. These devices guarantee high portability, accurate control for handling samples, simplified sample pretreatment protocols, low consumption of samples and reagents, high resolution of analysis, and integration of sensors allowing monitoring of cells over a long period, in a label-free manner, to not affect cell phenotype and metabolism. This might help to overcome the aforementioned issues.

- microfluidics
- optical sensors
- cell screening
- microbioreactors
- lab on a chip
- optofluidics
- plasmonics
- nanodevices

Deadline for manuscript submissions:

**closed (31 December 2021)**





an Open Access Journal by MDPI

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## Message from the Editor-in-Chief

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