Special Issue

Enabling Microfluidic Technologies for Single Cell Analysis

Message from the Guest Editors

Cellular heterogeneity is a fundamental feature of most biological systems, and microfluidic technologies are enabling its precision characterization for the first time. A key feature that enables this, is the ability of microfluidic devices to efficiently isolate and perform molecular analysis on single cells. Another key feature is the potential of these systems to scale to the analysis of large populations. In this Special Issue, we invite research papers, short communications, and review articles focused on microfluidic techniques enabling for single cell analysis, with a special emphasis on methods for scalable molecular analysis of single cells.

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Deadline for manuscript submissions

closed (1 May 2017)

Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed

mdpi.com/si/6290

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