



Multiphase Microfluidics for High-Throughput Biology

Guest Editors:

Prof. Dr. Amar Basu

Wayne State University, Detroit,
MI 48202, USA

Dr. Sammy S. Datwani

Vice President of Development,
Synthego Corporation, Redwood
City, CA, USA

Deadline for manuscript
submissions:

closed (15 July 2021)

Message from the Guest Editors

Dear Colleagues,

Multiphase microfluidics utilize droplets to compartmentalize biological and biochemical assays. Over the last 10 years, droplet microfluidic technologies have enabled a variety of high-throughput methods including digital PCR, single cell genomics, directed evolution, immunology, and mass spectrometry. This special issue of *Micromachines* focuses on technological advances in multiphase microfluidics which enables high throughput biology, following the theme of novel tools driving novel applications. We welcome all categories of submissions, including perspectives, critical review, short technological communications, and original research.

Prof. Dr. Amar Basu
Dr. Sammy S. Datwani
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases.

Journal Rank: JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Mechanical Engineering)

Contact Us

Micromachines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/micromachines
micromachines@mdpi.com
[X@micromach_mdpi](https://twitter.com/micromach_mdpi)