Special Issue

Micromanipulation in Microfluidics

Message from the Guest Editors

Dear Researchers, We are opening this Special Issue entitled “Micromanipulation in Microfluidics”, which aims to cover recent progress in this field. Microfluidics is becoming a key technology in an expanding range of fields, including medical sciences, biomanipulation, biosensing, chemical and biological processes, and more. This Special Issue will focus on current emerging methods involving microfluidics for micromanipulation of particles, droplets, cells, and other submicronic elements. Authors are encouraged to submit novel research papers and reviews, with areas of focus that include but are not limited to the following: 1) Combining microfluidics with external systems for sorting purposes: Magnetophoresis, dielectrophoresis, acoustophoresis, hydrodynamic strategies, optical tweezers; 2) Droplet technologies for biological manipulation; 3) Modeling/simulation issues related to manipulation in microfluidics; 4) Microfluidic devices and methods for tissue engineering; 5) “Smart” fabrication materials and components.

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Deadline for manuscript submissions

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About the Journal

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.

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