

Special Issue

Microfluidics and Biosensors for Point-of-Care Applications

Message from the Guest Editors

Microfluidics and biosensors are an integration of engineering and science to help build platform technologies for various biomedical applications. Such integrated devices merge chemical and biological components into a single setup to replace bulky instruments and afford versatile point-of-care diagnosis. This Special Issue welcomes contributions on “Microfluidics and Biosensors for Point-of-Care Applications”, with an intent to highlight the current state-of-art of research in this area. The Special Issue will accept diverse forms of contributions, for example papers focusing on the engineering/microfluidic design (paper-based, PDMS-based, etc.), biological recognition elements (enzymes, antibodies, and aptamers, etc.), and signal transduction mechanism (optical, electrochemical, etc.), but not limited to these.

Guest Editors

Dr. Alisha Prasad

Department of Mechanical and Industrial Engineering, Louisiana State University, Baton Rouge, LA 70803, USA

Dr. Kuldeep Mahato

Department of Nanoengineering, University of California San Diego, 9500 Gilman Dr, La Jolla, San Diego, CA 92093, USA

Deadline for manuscript submissions

closed (31 January 2023)



Micromachines

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CiteScore 6.0
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Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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Editor-in-Chief

Prof. Dr. Ai-Qun Liu

1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China

2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

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