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Microfluidic Systems for Global Health and Point of Care Testing

Guest Editor:

Dr. Aashish Priye

Department of Chemical and
Environmental Engineering,
University of Cincinnati,
Cincinnati, OH 45221, USA

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

Dear Colleagues,

Microfluidic technology enables the miniaturization and automation of several analytical processes that would conventionally require bulky and expensive benchtop laboratory instruments. It has enabled researchers to perform numerous parallel experiments rapidly while consuming minimal reagents in an extremely portable form factor with significant energy and cost savings. This has led to the emergence of the so-called “lab-on-chip” devices, making significant strides in diverse areas ranging from grand challenges such as water purification to fundamental research such as genetic analysis, organ on a chip, electrophoresis, molecular analysis, and pathogen detection. In this Special Issue, we seek original research papers, short communications, and review papers centered around the recent developments in microfluidics for global health and point of care testing.



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Special Issue



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Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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