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Microfluidic-Based Biosensors 2020

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Deadline for manuscript submissions:

closed (31 July 2021)

Message from the Guest Editors

Dear Colleagues,

The integration of sensors in microfluidic devices will represent a fundamental and challenging scenario for biomedical and environmental applications such as cancer treatment, investigating new therapeutics, blood analysis, or assessing the quality of air and water, to mention but a few. Sensor integration incorporates sensors for supernatant monitoring, optical sensors for the computer-based visual analysis of an experiment, sensors for the control of the biological conditions of experiments, and skin sensors. In this Special Issue, all topics involving sensor design and fabrication, sensor integration, data analysis and machine learning but also techniques for cell manipulation as well as novel measurement techniques involving microfluidic device applications will be considered.

Prof. Eugenio Martinelli
Prof. Arianna Mencattini
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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