



Microfluidics for Health Monitoring

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Over the past 30 years, microfluidics has become a fundamental tool that is widely deployed in multidisciplinary fields, such as biology, chemistry, physics, and engineering. Among a variety of its applications, one of the most important aspects is health monitoring, which drew extra attention and proved to be directly beneficial to our daily lives during the COVID-19 pandemic. With the recent maturity and convergence of microfluidic related technologies, in terms of micro-device fabrication, biosensing, low power electronics, and internet of things, future health monitoring microfluidic devices may potentially accelerate the decentralization process of diagnostics from hospitals and clinics to homes and workplaces, where the microfluidic devices can greatly improve the accessibility of medical diagnostics and enable longitudinal and objective assessment of the health status of individuals in daily life.





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