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Recent Advances in Lab-on-a-Chip Devices for Point-of-Care Medical Diagnostics

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

State-of-the art of lab-on-a-Chip engineering, outbreak, and a burden of cost promote the need for rapid, accurate, sensitive detection techniques used as point-of-Care medical devices. At miniaturized scales, the devices enable to perform diagnostic assays by constructing a high integrated and compact lab-on-a chip system. The core engineering: microfluidic-chip-based technologies, bio and chemical probe synthesis, and sensitive optical and electrochemical detection systems are considered key factors determining performances of lab-on-a-chip medical diagnostic devices. However, there are a misevaluation of their performances in trial and clinical practices due to lack of pieces of full design and fabrication, and clinical evidence for these systems. This special issue is calling for research, review articles, and communication reports in Lab-on-a Chip devices for point-of-care medical diagnostics.

If you have research manuscripts in this field that you would like to publish, please do get in touch.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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