Special Issue

Recent Advances in High Sensitive Point-of-Care (POC) Diagnostics

Message from the Guest Editor

Point-of-care (POC) diagnostics have unique advantages in terms of portability and ease of use; therefore, POC diagnostics are considered the best candidates that meet the purpose of on-site diagnostics where medical diagnostic testing needs. Especially, if high sensitive POC device can be realized, one can apply POC device more widely for medical diagnosis, virus detection, food safety and environmental monitoring, etc. This Special Issue includes, but is not limited to, the following:

- Novel point-of-care (POC) materials
- Digital microfluidics
- High sensitive electrical devices
- High sensitive MEMS devices
- Novel sample preparation devices
- Acoustic based sample separations
- Device platform using non-invasive human samples (urine/saliva/sweat)
- Wearable devices for POCT
- Chemical sensing applications using POCT
- Biosensing applications using POCT
- Novel target marker for POCT

Guest Editor

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Deadline for manuscript submissions

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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