



Trends in Multiplex and Smart Technologies for In Vitro Diagnostics and Point-of-Care Testing

Guest Editor:

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Deadline for manuscript
submissions:

closed (28 February 2021)

Message from the Guest Editor

Multiplex immunoassays (IAs) that can simultaneously determine many analytes in a single sample are becoming critically important in healthcare for the diagnosis of complex diseases. This Special Issue will provide insights into various multiplex IA formats and technologies together with the challenges involved and future prospects. Similarly, there is an evolving trend towards smart technologies for in vitro diagnostics (IVD) and point-of-care testing (POCT), which are paving the way toward next-generation healthcare. Smartphone/smart device (SP/SD)-based technologies, paper-based assays (PBAs), and lab-on-a-chip (LOC) platforms are the most prominent smart technologies, which will be very useful for rapid diagnostics at decentralized labs, physician office labs, and remote and personalized settings.





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