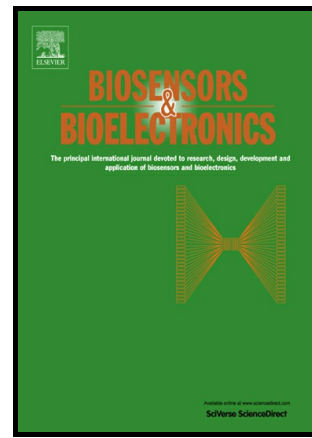


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Infectious Pathogens Meet Point-of-Care  
Diagnostics

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## Infectious Pathogens Meet Point-of-Care Diagnostics

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### Abstract:

The field of point-of-care (POC) diagnostics provides the rapid diagnosis of infectious diseases which is essential and critical for improving the general public health in resource-limited settings. POC platforms offer many advantages for detection of various pathogens including portability, automation, speed, cost, and efficiency. In this review, we provide an overview of the recent trends for POC diagnostics of infectious diseases with focus on portable platforms. We review here the present status of POC platforms, emphasizing in period of the past three years, then extrapolate their advance into the future applications for diagnosis of infectious pathogens.

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