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Microfluidic-Based Technologies for Point-of-Care Diagnostics: Tackling Antimicrobial Resistance

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Deadline for manuscript submissions:
closed (31 October 2020)

Message from the Guest Editors

Dear Colleagues,

Antimicrobial resistant bacteria has been recognised as a global threat and requires a robust and collective response from every stakeholder of society and by public health institutions. Current standard technologies to tackle antimicrobial resistance (AMR) are time consuming, expensive, labour intensive and are central lab-based solutions. This poses an increasing threat, especially in remote areas where access to these sophisticated technologies is limited. Contrary to conventional technologies, microfluidics has become an enabling platform for point-of-care (POC) testing of AMR in healthcare, providing simple, robust, cost-effective and portable diagnostics. This is an emerging field globally and it can have a large impact on people's lives. Therefore, we propose that this Special Issue will attract high-quality publications from around the globe and will, hence, be of interest to readers.

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Message from the Editor-in-Chief

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