



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

Guest Editors:

Prof. Dr. Xunli Zhang

Faculty of Engineering and the Environment, University of Southampton, Southampton SO17 1BJ, UK

Dr. Sammer-ul Hassan

Faculty of Physical Sciences and Engineering, University of Southampton, Southampton SO17 1BJ, UK

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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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Editor-in-Chief

Prof. Dr. Ai-Qun Liu

1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China
2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

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Micromachines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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