

Special Issue

Low-Cost Diagnostic Devices

Message from the Guest Editor

The diagnostic process involves a wide variety of tools and equipment which are not always affordable, available, and time-efficient. Microfluidic fibre-based devices could potentially construct low-cost diagnostic platforms alternative to conventional laboratory testing with the objectives of saving more lives and providing accessible healthcare to all. Intensive research has accumulated a huge number of scientific publications on the development of these devices. However, their evolution into a market-ready format without sacrificing sensitivity and specificity of the test outcome is a key requirement which is not being fully met and needs further research and development. This Special issue aims to provide a peer-reviewed resource for the development of practical and marketable lab-on-a-chip devices for diagnostic applications and improve clinical outcomes and more effective patient management and safety. This issue is of interest to a broad audience of healthcare professionals and publishes original research, technical reports, short communications, and reviews.

Guest Editor

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