

Special Issue

Point-of-Care Diagnostics (POCD) in Resource-Limited Settings

Message from the Guest Editors

Point-of-care diagnostics are crucial in healthcare, but proper use and implementation differ between settings. Emerging high-tech solutions are often either unaffordable or unfit for resource-constrained settings. Low-cost, portable, and user-friendly diagnostics are needed that can withstand high heat, humidity, and dust and are not dependent on a constant power supply. In addition, the diseases to be diagnosed can differ substantially from those in high-resource settings. Adapting existing equipment is often unfeasible or unsuccessful. A prerequisite for developing diagnostics suitable for low-resource settings is proper knowledge of the challenges and needs, which is often lacking in the technology industry. This Special Issue on “Point-of-Care Diagnostics (POCD) in Resource-Limited Settings” invites manuscripts on processes for designing and developing, evaluating, and implementing tailor-made or adapted diagnostics in these demanding settings.

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