

Special Issue

Trends in In Vitro Diagnostics Paving the Way to Next- Generation Healthcare

Message from the Guest Editor

The last decade has witnessed tremendous advances in the field of in vitro diagnostics, which have led to considerably improved clinical diagnostics and better health outcomes. Point-of-care testing formats have been used in much higher numbers during the COVID-19 pandemic, which acted as a catalyst for IVDs. It increased the outreach of diagnostics to the wider general population and led to at-home testing. The use of various smart monitoring technologies for communication, regulation, and healthcare records also enabled the real-time tracking of critical data.

The topics of interest for this Special Issue are specified below, although any manuscript related to the theme of the Special Issue will be considered.

In vitro diagnostics; Point-of-care testing; Chemiluminescent immunoassays; Lateral flow immunoassays; Molecular diagnostics; Enzyme-linked immunoassays; Next-generation sequencing; Automated assays; Mass spectrophotometry; Multiplex assays; Artificial intelligence; At-home testing; Novel disease biomarkers; Improved clinical diagnostic algorithms; Pandemic response and preparedness; Smart technologies; Novel assay formats.

Guest Editor

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