

Special Issue

Point of Care Diagnostics for Infectious Disease

Message from the Guest Editor

The diagnosis of infectious diseases requires rapid turnaround in order to begin immediate treatment for infected patients, limit the spread of infectious agents, and initiate contact tracing in the case of a rapidly spreading pandemic. A rapid turnaround times require point-of-care diagnostics to enable the diagnosis to be provided to the patient before the patient has left the testing site. This enables immediate treatment planning and contact tracing. While point-of-care diagnostic technology significantly improved during the COVID-19 pandemic, major needs still exist, especially for pathogens with a low quantity and pathogens in complex sample matrices. This Special Issue solicits cutting-edge research results on point-of-care diagnostics for infectious disease, with an emphasis on highly sensitive detection and integrated sample preparation, to enable sample-to-answer detection with complex samples.

Guest Editor

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Deadline for manuscript submissions

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Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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