

Special Issue

Biosensing Technologies for Nucleic Acid Detection

Message from the Guest Editors

Sensing and quantifying nucleic acids are significant for modern clinical diagnosis and life science research. Recently, the techniques for detecting nucleic acid have seen marked breakthroughs in the major metrics such as limit of detection (LOD), dynamic range, and response time, partially driven by the pandemic of COVID-19. This Special Issue aims to provide a platform for the latest works related to Biosensing Technologies for Nucleic Acid Detection. We welcome topics of new sensing strategies, materials, interfaces, integrations and systems for nucleic acid detection.

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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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