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Conjugated Polymers-Based Biosensors for Virus Detection

Guest Editor:

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Deadline for manuscript submissions:
closed (31 May 2024)

Message from the Guest Editor

Dear Colleagues,

As an alternative for current standard technologies, including RT-PCR, CT scans, enzyme-linked immunosorbent assays (ELISAs), and serological assays, biosensors are regarded as the next-generation diagnostic technologies for viruses due to their capability to detect various biological analytes, i.e., DNA/RNA, pathogens, and biomarkers. Conductive polymer-based biosensors are especially promising technologies due to their excellent sensitivity and selectivity to specific virus biomarkers and fast electrical signals. Therefore, we would like to invite you to contribute your work to this Special Issue which covers advancements in development of conductive polymer-based biosensors for detecting DNA/RNA or various biomarkers of viruses.

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Editor-in-Chief

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Message from the Editor-in-Chief

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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