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Recent Research on Electrochemical Bioassays

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Deadline for manuscript submissions:
closed (10 March 2022)

Message from the Guest Editor

The combination between nanostructured biosensors and microfluidic systems provides powerful analytical platforms for point of care (POC) applications, especially for the fast detection of pathogens such as viruses and bacteria.

This Special Issue, entitled "Recent Research on Electrochemical Bioassays," is dedicated to the latest achievements in the field of electrochemical biosensors for pathogen detection. Topics include, but are not limited to:

- Materials that are used in the transducer layer for signal amplification: carbonaceous materials (carbon nanotubes, graphene, etc), metal nanoparticles and nanowires
- Innovative immobilization techniques for DNA, RNA, peptide, enzyme, and antibody probes
- Affinity and enzymatic assay formats, labelled or non-labelled approaches
- Miniaturized biosensing devices aiming POC applications

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Message from the Editor-in-Chief

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