# Special Issue

# Electrochemistry Technologies in Bioanalysis and Electrochemical Immunosensor

## Message from the Guest Editor

Electrochemistry technologies in bioanalysis represent the culmination of a comprehensive understanding of the benefits and challenges of applying electrochemical and electroanalytical-based techniques in analyzing biological samples. Proper detailing of the measurement of samples from the host with/without pre-sampling steps is required. This Special Issue is dedicated to covering the real insights for key experimental designs, measurements in different biological environments, mechanistic pathways, and theoretical aspects defining the principle of analysis, its bottlenecks, and its edge over different conventional prototypes. Discussion of various emerging topics of immunosensor fabrication, biocatalysis, bioadditives for better fabrication of electrodes, the interaction of biological samples with the transducer element, the essential selectivity and specificity for focusing on different proteins is emphasized. Furthermore, the role of electrochemistry technologies in the different potential areas of food and environmental analysis, disease biomarkers/metabolites, water pollution, microbial detection, etc., is also of interest.

## Guest Editor

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## Deadline for manuscript submissions

closed (28 December 2023)

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## Message from the Editor-in-Chief

## Editor-in-Chief

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