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Electrochemical Aptasensors: From Design to Applications

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Deadline for manuscript submissions:

closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

Recent progress in bioanalytical applications has significantly benefited from the synthesis and characterization of new classes of biomimetic receptors, such as nucleic acid ligands, coupled to electrochemical instrumentation. The combination between aptamers and electrochemistry offers the possibility to develop a huge number of simple-to-use devices with a low cost, fast and sensitive response and high selectivity.

This Special Issue aims to share new developments in the design of electrochemical aptasensors, in the form of original research or review articles, including also a focus on their applications. The state of the art should be presented, as well as the addressing of the new challenges that are being faced and the understanding of the perspectives on the future of the field.

We look forward to your contributions.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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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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