Special Issue

Nano and Micro DNA/RNA Biosensors

Message from the Guest Editor

Nano and Micro Biosensors are state-of-the-art analytical tools with many applications. They have gained the interest of scientists due to their unique advantages. Nucleic acids, DNA and RNA, are usually the preferred analytes due to their stability in diverse environmental conditions or during extensive processing. Thus, Nano and Micro DNA/RNA Biosensors are a valuable alternative to conventional methods of nucleic acid analysis. Both original research and review articles on novel systems or approaches to electrochemical DNA/RNA biosensors are welcome. Potential topics include, but are not limited to:

- Innovative concepts in sensitive DNA/RNA detection;
- New materials and nanomaterials used in DNA/RNA Biosensor devices, e.g., Carbon nanotubes, graphene, nanoparticles, and other organic-based semiconductors;
- Devices and microfluidic systems, including electrochemical DNA/RNA biosensors;
- Electrochemical DNA/RNA detection analysis in situ and in vivo.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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