

## Special Issue

# Nanoparticle-Based Electrochemical (Bio-) Sensors: Development and Applications

### Message from the Guest Editor

Nanoparticle-based biosensors have become one of the major research areas in the field of detection. It is well known that nanoparticles possess an interface effect, robust stability, improved sensitivity, good surface area, rapidity, quantum size effect, and high accuracy for biosensing applications. To date, the most widely used nanoparticles for biosensing applications include (but are not limited to) metal nanoparticles, carbon nanoparticles, ceramic nanoparticles, semiconductor nanoparticles, polymeric nanoparticles, lipid nanoparticles, and other organic/inorganics nanoparticles. This Special Issue will accept outstanding contributions regarding subjects related to the topic “Nanoparticle-Based Electrochemical (Bio-) Sensors: Development and Applications”, covering areas from fundamental ideas to the most recent findings. I warmly invite researchers to submit original research papers, communications, technical reports, perspectives, and reviews on nanoparticle-based biosensors for detection.

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### Guest Editor

Dr. Thangavelu Kokulnathan

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### Deadline for manuscript submissions

closed (31 October 2023)



## Biosensors

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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.

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