# **Special Issue**

## Advanced Nanomaterials-Based (Bio)sensors for Electrochemical Detection and Analysis

## Message from the Guest Editors

The growing advance of nanostructured materials in (bio)sensing has increasingly pointed to promising sensors with several applications ranging from the environmental, food, pharmaceutical and clinical analysis fields. A variety of nanomaterials, polymers, enzymes, and biomolecules immobilized on the most diverse types of substrate (glassy carbon, carbon paste, boron doped diamond, screen-printed carbon, fluorinedoped tin oxide) have been explored for the development of electrochemical (bio)sensors with attractive sensing performances, such as enhanced sensitivity and lowered limit of detection, for the electroanalysis of various biomolecules and biomarkers. This Special Issue targets a broad audience of researchers from materials science, chemistry, physics, biology, and engineering fields. A variety of electrochemical sensors, materials, and analytical tools are welcome.

### **Guest Editors**

Prof. Dr. Iolanda Cruz Vieira

Dr. Edson Roberto Santana

Dr. João Paulo Winiarski

Deadline for manuscript submissions closed (31 July 2025)



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*Chemosensors* continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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