Special Issue

Electrochemical Biosensing Platforms for Food, Drug and Health Safety

Message from the Guest Editor

Electrochemical platforms are emerging as powerful tools for various applications in the fields of food, drug, and health. These platforms rely on the principles of electrochemistry to detect and quantify target analytes in complex matrices such as food, drugs, and biological fluids. They offer several advantages, such as high sensitivity, selectivity, and a rapid response time. In the food industry, electrochemical platforms can be used for detecting contaminants, such as pesticides, heavy metals, and foodborne pathogens, ensuring the safety and quality of food products. In the food industry. electrochemical platforms can be used for detecting contaminants, such as pesticides, heavy metals, and foodborne pathogens, ensuring the safety and quality of food products. In the pharmaceutical industry, electrochemical platforms can be used for drug discovery, drug delivery, and monitoring drug efficacy. In the healthcare industry, electrochemical platforms can be used for disease diagnosis, monitoring biomarkers, and personalized medicine.

Guest Editor

Dr. Mihaela Puiu

Department of Physical Chemistry, University of Bucharest, 030018 Bucharest, Romania

Deadline for manuscript submissions

closed (30 June 2025)



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Impact Factor 5.6 CiteScore 9.8 Indexed in PubMed



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Biosensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biosensors@mdpi.com

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Prof. Dr. Giovanna Marrazza

Department of Chemistry "Ugo Schiff", University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

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