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Electrochemical Biosensing Platforms for Food, Drug and Health Safety

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Deadline for manuscript
submissions:

closed (30 June 2025)

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 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.



mdpi.com/si/172540

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Message from the Editor-in-Chief

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