Special Issue

Electrochemical Sensing in Medical Diagnosis (Second Edition)

Message from the Guest Editor

In recent years, electrochemical sensors have become of increasing interest as engineered biomedical tools for the laboratory and point-of-care (POC) diagnostics of reliable molecules in personal healthcare due to their high sensitivity and selectivity, portable field-based size, rapid response time, low cost, and their ability to be highly flexible, noninvasive, implantable/wearable, biocompatible, lightweight, and easy to fabricate. One of the main goals when developing these types of platforms is to ensure that they can function while being directly connected to a system, either externally, on human skin, or internally, on soft tissue, to ensure the accurate and reliable in situ measurement of parameters, either physiological (pH, temperature, heart rate, neural signals, and blood pressure) or biomarker content, in real time. The aim of this Special Issue of Chemosensors is to focus on the most recent approaches used in the performance of innovative and enhanced electrochemical sensing in medical diagnosis. Both review articles and research papers focused on these highlighted topics are welcome to be submitted to this Special Issue.

Guest Editor

Dr. Esther Sanchez-Tirado

Department of Analytical Chemistry, Faculty of Chemical Sciences, Universidad Complutense de Madrid, Madrid, Spain

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

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry.

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Editors-in-Chief

Prof. Dr. Jin-Ming Lin

Beijing Key Laboratory of Microanalytical Methods and Instrumentation, Department of Chemistry, Tsinghua University, Beijing 100084, China

Prof. Dr. Nicole Jaffrezic-Renault

Institute of UTINAM, University of Franche-Comté, UMR-CNRS 6213, 16 Gray Road, 25030 Besançon, France

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