Special Issue

Electrochemical Bio/Sensors for Biological and Pharmaceutical Analysis

Message from the Guest Editor

Electrochemical biosensor systems are very important in monitoring biological and pharmaceutical contaminants. These biosensors are not limited to enzymatic-based sensors, aptasensors, or immunosensors in applications such as diagnostics or water quality management. Direct analysis on the electrodes modified with nanomaterials are also important for measuring oxidation or reduction analysis of the analytes, although direct analysis on the electrodes may have limitations such as sensitivity, selectivity, and limit of detection. The use of nanomaterials comes into play to overcome such limitations and improve the performance of the biosensor systems for monitoring various analytes in the environment and in our bodies. This Special Issue will encompass original research papers and reviews to benefit readers with knowledge of the electrochemical biosensors for biological and pharmaceutical analysis.

Guest Editor

Prof. Dr. Usisipho Feleni

College of Science, Engineering and Technology, University of South Africa, UNISA, P.O. Box 392, Johannesburg 0003, South Africa

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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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