



Electrochemical Biosensors for Disease Detection

Guest Editors:

Prof. Dr. Li Wu

School of Public Health, Nantong
University, Nantong 226019,
China

Dr. Lingyan Feng

Materials Genome Institute,
Shanghai University, Shanghai
200444, China

Dr. Jinxia Liu

School of Public Health, Nantong
University, Nantong 226019,
China

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Message from the Guest Editors

Dear Colleagues,

Detection of diseases at the early stage is important both for patient health and the reduction of treatment costs. Therefore, it is important to have highly sensitive and diverse techniques that can be effective in the early stages of diseases. Miniaturized, economic, and practical devices that have the capacity to replace time-consuming laboratory analyses are urgently needed for diagnostic processes. Electrochemical biosensors play a significant role in point-of-care testing (POCT) diagnostics because they are rapid, real-time, cost-effective, able for miniaturization, and intelligent. Hence, this Special Issue "Electrochemical Biosensors for Disease Detection" focuses on the recent advances of electrochemical biosensors in the sensitivity amplification strategies, point-of-care diagnostics, nanotechnology, and their applications in the detection and discovery of disease biomarkers (DNA, RNA, antigen, antibody, small molecules, and, etc.). We invite submissions of research that help to advance the field of electrochemical biosensors and their application for high-throughput analysis of disease biomarkers.





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Editor-in-Chief

Prof. Dr. Giovanna Marrazza

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

Message from the Editor-in-Chief

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Biosensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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