Special Issue

Biosensors Based on Isothermal Nucleic Acid Amplification Strategies

Message from the Guest Editors

This Special Issue focuses on biosensors based on isothermal nucleic acid amplification strategies for food safety, environmental monitoring, and clinical diagnostic research. Isothermal nucleic acid amplification does not require expensive variable temperature equipment, can be performed under isothermal conditions or at room temperature, and is suitable for rapid, in situ analysis and point-of-care testing. To this end, the purpose of this Special Issue is to collect original papers and reviews to show the development of isothermal nucleic acid amplification strategy-based biosensors and their innovative applications in related fields, new challenges and development prospects.

Guest Editors

Dr. Yongxin Li

West China School of Public Health and West China Fourth Hospital, Sichuan University, Chengdu 610041, China

Dr. Zewei Luo

School of Mechanical Engineering, Sichuan University, Chengdu 610065, China

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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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About the Journal

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

Editor-in-Chief

Prof. Dr. Giovanna Marrazza
Department of Chemistry "Ugo Schiff", University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

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