

Special Issue

Nanobiosensors and Immunoassay

Message from the Guest Editors

The main topic of this Special Issue is the development of biosensors and immunosensors. This Special Issue aims to collect original articles that present research advances in the design, fabrication, and application of high-performance (bio)sensors and immunosensors that implement new principles, strategies, methods, and technologies. Additionally, reviews reflecting the current hotspots, new challenges, and future perspectives of bio/immune-sensors in the important application areas are particularly welcome.

Nanobiosensors and immunosensors are considered to be efficient tools for a wide variety of analytical problems, including uses in medicine, biomedical research, drug discovery, the environment, food, process industries, security and defence. In this regard, interesting principles, strategies, and methods are being proposed to design, develop, and fabricate bio-/immune-sensors. Moreover, bio-/immune-sensors based on various sensing modes and using various recognition elements are satisfying the growing needs of methods and devices for the rapid, reliable, and high-performance detection of targets.

Guest Editors

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Prof. Dr. Changlong Jiang

Dr. Hongxia Li

Deadline for manuscript submissions

closed (30 December 2022)



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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.

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