

Special Issue

Integrated Biosensing for Point-of-Care Detection

Message from the Guest Editors

Integrated sensing technology is an evolving field with major applications in cell chip model systems, the monitoring of biological activities and on-chip detection in chemical, biological and environmental domains. This Special Issue is devoted to advances in a variety of subjects in this area, from detection, to engineering and integration methods, to innovative sensors. Articles may address current progress in multiplexed detection involving electrochemical, optical, magnetic, and other transduction types. The scope of this Special Issue includes, but is not limited to, the following areas:

- Progress in biosensor approaches and relevance;
- The innovative technology of chip-based recognition devices;
- Biomimetic systems and devices for biosensing applications;
- Biological and chemical substances, incorporating new materials;
- Lab-on-a-chip-based systems.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



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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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