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Integrated Biosensing for Point-of-Care Detection

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Deadline for manuscript
submissions:

closed (31 December 2024)

Message from the Guest Editors

Dear Colleagues,

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.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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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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