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Liquid Metal Based Biosensors and Bioelectronic Devices

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

We invite the submission of research articles and reviews to a Special Issue of the open access journal *Biosensors*. Your recent discoveries and improvements to biosensors in the topics of liquid-metal-based biosensors and bioelectronic devices are welcome. This Special Issue of *Biosensors* provides the most recent progress and unique advantages in these areas.

With high fluidity and metallic conductivity, room-temperature liquid metals have been widely used in flexible electronics, biosensors, wearable devices, and thermal energy management. Many liquid-metal-based conductive materials and circuit printing methods have also been developed for the manufacture of flexible biosensors. Therefore, this issue welcomes contributions about liquid-metal-based biosensors and bioelectronic devices, such as blood glucose sensors, strain sensors, and flexible electrodes. Furthermore, studies of wearable devices printed on clothes or based on conductive fibers, conformal biosensors, and new liquid metal circuit printing methods based on 3D printing, screen printing, and transfer printing are welcome.



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Special Issue



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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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