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Frontiers in Liquid Crystal-Based Biosensors

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Message from the Guest Editors

Dear Colleagues,

We are pleased to introduce a Special Issue on “Frontiers in Liquid Crystal-Based Biosensors.” LC-based sensors provide an accessible platform for highly sensitive detection of a wide range of chemicals and biochemicals, including solvents, gases, volatile organic compounds, biological toxins, proteins, viruses, and stem cells, and other biomedical samples. Further, experimental studies complemented by advanced computational analysis have provided guidelines to design the LC-based sensors that distinguish molecular motifs and respond selectively to chemicals. Papers presenting advancements in these exciting research fields are welcome in this Special Issue.



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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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