



Biosensors for Detection of Lipids, Carbohydrates and Complex Biomarkers of Disease

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Biological detection has centered around proteins and nucleic acids as targets for several decades. However, many biomarkers associated with human physiological processes and infectious diseases are lipidated sugars, which have an amphiphilic biochemistry. Traditionally, these molecules are also detected using methods that were tailored for proteins, such as immunoassays. However, the physiological presentation of these molecules, their bioanalytical characterization and biophysical properties are very much driven by their biochemistry. In this Special Issue of *Biosensors*, we invite manuscripts that address the development use of biosensors for the detection, characterization, quantification and exploration of amphiphilic biomarkers.

Dr. Harshini Mukundan

Guest Editor





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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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