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State-of-The-Art on Enzymatic Biosensors Technology

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Message from the Guest Editor

Dear Colleagues,

The need for analytical devices capable of monitoring important markers has become increasingly pressing in recent years. Among all of the analytical methods used to date, enzymatic biosensors are increasingly attracting attention because of their important features, such as sensitivity, specificity, cost-effectiveness, possible portability, and miniaturization, but, above all, for the possibility of application in the most diverse matrices. If in biomedical applications biosensors can be useful for the determination of different biomarkers, not only for diagnostic, but above all for prognostic purposes, over time, these devices can also be applied in agri-food matrices for nutraceuticals determinations, for industrial process, or even as food safety controls. In addition, it is possible to apply biosensors to environmental purposes or pharmaceutical industry for drug development or the replacement of organs.

So, this Special Issue aims to shed light on the recent advances in enzymatic biosensors and their multiple applications.



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Special Issue



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Message from the Editor-in-Chief

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