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Electrochemical (Bio)sensors for Biomedical Applications

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Message from the Guest Editors

Dear Colleagues,

As electrochemical technology has evolved over the years, it has proven to be a considerably important tool in the fields of neuroscience and medical diagnosis. The nervous system is controlled by many compounds, such as dopamine, ascorbic acid, and others (known also as neuromodulators), which can be detected with the aid of electrochemical sensors. Accurate detection of such substances could lead to earlier diagnosis of diseases and to a better comprehension of the nervous system. Selectivity and stability of the studied materials involved in such sensors are the main challenges, mainly for in vivo electrochemical recordings. Enzymeless-based electrochemical sensors are considered promising candidates for such compounds' detection.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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