



sensors



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Development of Electrochemical Sensors Based on Naturally Occurring Compounds

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Message from the Guest Editor

Dear Colleagues,

With the renaissance of electrochemical methods and electrochemical (bio)sensors, more and more of them are being developed for medical applications, smart textiles, and the food industry. For such applications, the safe use of biosensors is very important. Therefore, naturally occurring compounds are very important since they typically have the lowest toxicity when used in vitro or in vivo.

Other naturally occurring compounds are usually used in the of electrochemical biosensors, increasing the electroactive area and the electron transfer. The investigation and application of naturally existing compounds, including enzymes, antibodies and other biological molecules, can be also used to prepare whole electrochemical biosensors. The investigation and characterization of such kinds of compounds in biosensing is important for applications in vitro and in vivo.

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Dr. Rasa Pauliukaite

Guest Editor



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Special Issue



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