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Polymer Biosensor for Electrochemical Detection

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Message from the Guest Editor

Electrochemical biosensors have been attracting much attention thanks to the major advantages in their use, such as short analysis times, when compared with spectroscopic techniques. Moreover, they may be used in simple experimental procedures which can be applied to a variety of physiological samples. Within this context, conducting polymers are being extensively studied as coatings of bare electrodes to significantly enhance the sensitivity and selectivity of bioanalytical detection. Thus, conducting polymers are versatile materials for the creation of electrochemical biosensors, due to their rapid production, controlled thickness, and porosity, as well as easy electropolymerization on various surfaces. This Special Issue of *Molecules* aims to present useful insights into the latest advances and current trends in the field of polymeric electrochemical biosensors. Original research and review articles that discuss the preparation of electrochemical sensors based on conducting polymers, for their applications in health, diagnosis, biomedicine, and so forth, are welcome.



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Special Issue



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Message from the Editor-in-Chief

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