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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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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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