Special Issue

Polymer Biosensor for Electrochemical Detection

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.

Guest Editor

Prof. Dr. Carlos Alemán

Departament d'Enginyeria Química, EEBE, Universitat Politècnica de Catalunya, C/Eduard Maristany, 10-14, Ed. I2, 08019 Barcelona, Spain

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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