Special Issue

Current Development on Electrochemical Glucose Biosensors

Message from the Guest Editors

The main objective of this Special Issue is to illustrate the development of all generations of electrochemical glucose biosensors. The key areas of the issue include enhanced electrodes, technologies, materials, enzymes, and fundamental science related to clinical, chemical, physical, biological, and IoT engineering-related aspects, as follows:

- Novel mediators for electrochemical glucose sensors (organic, inorganic, polymer, co-polymer, dual, hybrid, etc.).
- Modification techniques between enzymes and electrodes for long-term measurement.
- Latest techniques related to fourth-generation glucose biosensors (materials, engineering, methods, enhanced performance, etc.).
- Studies on skin-implantable and wearable electrochemical glucose biosensors (materials, engineering, methods, enhanced performance, etc.).
- Characterization and optimization of materials for electrochemical glucose biosensors.
- Study on IoT grafting technology for electrochemical glucose biosensors.
- Electrochemical glucose biosensor trends and commercialization.
- Original articles and review papers related to other recently developed electrochemical glucose sensors.

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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