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Electrochemical Biosensors for Agro-Environmental and Bioclinical Fields

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Deadline for manuscript submissions:
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Message from the Guest Editors

Since their first application in 1967 literature (*S.J. Updike, G.P. Hicks; The enzyme electrode; Nature 214 (1967) 986–988*), electrochemical biosensors continued to evolve in novel directions with the aim of meeting the analytical requirements of a promptly mutable R&D. This is owed to the enormous advances achieved in nanotechnology, material science, screen-printing, ink-jet, 3D printing, nanomaterials, microfluidic, and ICT, which prompted electrochemical biosensor technology to deliver ever smarter and custom-made devises for both precise analysis agro-environmental and personalised medicine.

The aim of this Special Issue is to collect recent research efforts about the design of electrochemical biosensors. Potential topics include, but are not limited to, the following:

- Enzyme-based biosensors
- Immunosensors
- DNA–RNA based sensors
- Cell-based biosensors
- Nanomaterial-based biosensors
- Label free biosensors

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Special Issue

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