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Advances in Electrochemical Bioelectronic Sensors

Guest Editors:

Dr. Alexander Trifonov
Department of Nanoengineering, University of California, San Diego, CA, USA

Prof. Dr. Dana Akilbekova
Department of Chemical and Materials Engineering, School of Engineering and Digital Sciences, Nazarbayev University, Nur-Sultan 010000, Kazakhstan

Deadline for manuscript submissions:
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Message from the Guest Editors

Bioelectronics is a fast-developing field that attracts a lot of attention, especially in recent years. The fusion of biology and electrical engineering enabled the use of functional biostructures in sensing and energy harvesting applications. Advances in wireless communication technologies and low-power electronics had significantly broadened the application range of biosensors, allowing convenient and user-friendly pairing bioelectronic devices with smartphones and other personal electronics.

We focus on integrated sensing bioelectronics that uses electrochemical signal transduction. We aim to collect high-quality research and review papers covering fundamental and practical aspects, starting from the implementation of novel materials, surface modification and functionalization methods to design, electronics integration, power management, and signal processing.

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Editor-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault

Institute of Analytical Sciences, UMR CNRS 5280, Department LSA, 5 Rue de La Doua, 69100 Villeurbanne, France

Message from the Editor-in-Chief

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Chemosensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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