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Protein-Based Biosensors

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Deadline for manuscript submissions:
closed (31 August 2018)

Message from the Guest Editors

Dear Colleagues,

A key step of the development of biosensors is the biological interfacing of materials. The design and the realization of bio/non-bio interfaces with specific properties and performances are crucial features in bio-device development. Indeed, the development of sensitive and reproducible biosensor surfaces needs the immobilization of active proteins with a controllable and homogeneous orientation to complementary functionalized surfaces. This achievement is however extremely dependent on the protein of interest.

We would like to invite you to submit a manuscript to the Special Issue we are Guest-Editing, entitled "Proteins Based Biosensors". The aim of this Special Issue is to collect research or review papers dedicated to the exploitation of proteins in the field of biosensing. Special emphasis will be devoted to novel approaches to protein immobilization on conventional surfaces, nanoparticles, or 2D materials.

Prof. Dr. Paola Giardina
Dr. Alessandra Piscitelli
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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