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Label-Free Sensor/Biosensors for Biomedical and Environmental Monitoring

Guest Editors:

Dr. Laura Micheli

Department of Chemical Science and Technologies, University of Rome Tor Vergata, 00133 Rome, Italy

Prof. Dr. Sunita Kumbhat

NanoBiosensor Laboratory, Faculty of Science, Jai Narain Vyas University, Jodhpur, India

Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

The development of low cost and disposable sensors for biomedical and environmental monitoring is attracting the scientific as well as commercial world. Early diagnosis of diseases, detection of toxins in food, feed and water are important aspects of present-day healthcare systems. Sensitive and selective detection of biomarker proteins, virus antigens, disease-specific antibodies, nucleic acids, clinically relevant low molecular weight analytes, endocrine disruptases, volatile organic compounds (VOCs) and other environmental pollutants is of great significance in the smart sensing technology of the point-of-care era.

The present Special Issue focuses on label-free sensor/biosensor devices/platforms for highly sensitivity physico-chemical transducers, which are feasible for miniaturization with special reference to biomedical and environmental applications.

Prof. Dr. Laura Micheli

Prof. Dr. Sunita Kumbhat

Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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