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Label-Free Sensor/Biosensors for Biomedical and Environmental Monitoring

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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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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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