

Special Issue

Optical Immunosensors

Message from the Guest Editors

This Special Volume will be dedicated to optical immunosensing. For decades, these sensors have been finding their way into an increasing number of industrial, environmental, pharmaceutical, medical, food quality control, and engineering applications. Optical immunosensors cost-effectively improve the reliability and efficiency of control systems, making them in great demand. This Special Issue welcomes both reviews and original research articles in the field of optical immunosensors. Topics include but are not restricted to optical-fiber platforms, liquid crystals, optical waveguide light-mode spectroscopy (OWLS), white light reflectance spectroscopy (WLRs), and dual-polarization interferometry (DPI). Combination with biological or bioinspired receptors such as aptamers, dendrimers, bacteriophages, affibodies, nanobiohybrid materials, and molecularly imprinted polymers is also of interest. There is no limit to the chemical and biological aspects by which an optical immunosensor can be manufactured. This issue emphasizes both the biological and transduction aspects of optical immunosensors. For more information, please click: mdpi.com/si/30824

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Deadline for manuscript submissions

closed (30 September 2020)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/30824

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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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