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Optical Immunosensors

Guest Editors:

Dr. Elena Benito-Peña

Department of Analytical
Chemistry, Faculty of Chemistry,
Complutensian University of
Madrid, 28040 Madrid, Spain

**Prof. Dr. David Gimenez-
Romero**

Physical Chemistry Department,
Faculty of Chemistry, University
of Valencia, Avda. Dr. Moliner, 50,
46100 Valencia, Spain

Deadline for manuscript
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Message from the Guest Editors

Dear Colleagues,

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.

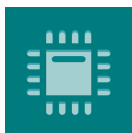
This Special Issue welcomes both reviews and original research articles in the field of optical immunosensors. Topics include but are not restricted to optical-fiber platforms, liquid crystals, optical waveguide light-mode spectroscopy (OWLS), white light reflectance spectroscopy (WLRS), and dual-polarization 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.

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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 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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