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Pathogen Sensors

Guest Editor:

Prof. Dr. Joseph Irudayaraj

Department of Bioengineering,
1102 Everitt Lab, University of
Illinois at Urbana-Champaign,
Urbana, IL 61801, USA

Deadline for manuscript
submissions:

closed (31 May 2009)

Message from the Guest Editor

Dear Colleagues,

The special issue on "Pathogen Sensors" will be a compendium of some of the most recent research on "Pathogen Sensors" including but not limited to developing technologies to detect and/or characterize pathogenic agents related to plant, food, soil, animal, and human systems. Thus we set to address biosensors based on electrochemical, optical, mass, acoustic, magnetic, and immuno-based concepts addressing any aspect of detection in biology including sample preparation methodologies. Biomimetic sensors and research exploring pathogen capturing molecules besides standard antibodies, such as aptamers, peptides, carbohydrate-lipid-based linkers are also of interest. Industry standards on biosensors need to be addressed, articles dealing with biosensor standardization will be entertained.

Dr. Joseph Irudayaraj

Guest Editor



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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

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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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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