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Advances in Optical, Fluorescent and Luminescent Biosensors

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Deadline for manuscript submissions:

closed (20 May 2023)

Message from the Guest Editors

In this Special Issue, we focus our attention on recent **advances in optical, fluorescent, and luminescent biosensors**. This class of devices may be either coupled to electrochemistry or material science in order to improve their performance, leading to electrochemiluminescence sensors, active/smart surfaces, and nano-sized stand-alone sensors. Original manuscripts as well as reviews of the current state of the art are welcome for submission. Topics of interest include but are not limited to the following:

- fluorescent sensors
- colorimetric sensors
- luminescent sensors
- microbial sensors
- electrochemiluminescence
- nanodevice
- protein engineering
- synthetic biology
- diagnostics
- biosensors
- complex matrix



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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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