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## Feature Issue of Optical and Photonic Biosensors Section

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Deadline for manuscript  
submissions:

**closed (20 December 2022)**

### Message from the Guest Editors

Dear Colleagues,

In recent years, the enabling role of photonics in the field of biosensing is rapidly strengthening. Photonic biosensors, which are mainly intended for health applications, environmental monitoring, and food/water quality control, have reached the appropriate maturity for their entry into the market and research effort in this field is rapidly increasing. The Special Issue will provide a forum for the last research activities in photonic biosensors. Theoretical and experimental papers are solicited in, though not limited to, the following areas:

micro-photonic chip-based biosensors,  
fiber-optic biosensors,  
lab-on-fiber devices,  
photonic biosensors based on metasurfaces and photonic crystals,  
optofluidic biosensors  
plasmonic biosensors based on surface plasmon resonance, localized surface plasmon resonance, and surface-enhanced Raman scattering,  
emerging application of Photonics in the field of biosensing,  
new materials and physical concepts intended for photonic biosensors



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

*Biosensors* is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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