

Special Issue

Optical Fiber Biosensor

Message from the Guest Editor

It is our pleasure to announce this Special Issue entitled “Optical Fiber Biosensors”, where original research and reviews of new fabrication processes, materials, optical fiber integration, and immobilization methods of optical biosensors are cordially invited. We hope that this Special Issue will further encourage and promote scientific contributions by researchers in the biosensors field. This Special Issue welcomes contributions addressing, but not limited to:

- Novel interrogation methods for fiber-based biosensors;
- Surface plasmon (SPR) and localized resonance (LSPR) for biosensing;
- Biosensors for healthcare applications;
- Biosensors for aquaculture and environment monitoring;
- Wearable sensors, devices, and electronics;
- Lab-on-a-chip;
- Lab-on-tip;
- Sensor devices, technology, and applications;
- Advanced materials for sensing;

Guest Editor

Dr. Philippe Velha

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Deadline for manuscript submissions

closed (31 July 2023)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Giovanna Marrazza

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