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Optical Biosensors for Label-Free Detection

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Message from the Guest Editors

We are pleased to invite contributions to this Special Issue on optical label-free biosensing. This innovative field lies at the intersection of chemistry, optics, biology, nanoscience, engineering, and materials science, and offers new and unique solutions to society's analytical needs.

The scope of this Special Issue is broad, ranging from fundamental studies at the proof-of-concept level to novel applications of label-free technologies in relevant scenarios. Our goal is to bring together the latest advancements in consolidated transduction systems (SPR, interferometry, SERS, fiber-based sensors, etc.) while also encouraging contributions on emerging materials and biosensing principles.

We welcome full-length research papers, short communications featuring groundbreaking preliminary results or significant findings, as well as review papers that comprehensively cover relevant aspects of optical label-free biosensing.

Deadline for manuscript submissions:

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Special Issue



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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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