



Optical Biosensors for Diagnostics

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Message from the Guest Editor

Optical biosensors constitute potent tools for probing biomolecules in their natural environment and for monitoring dynamic processes in complex biological samples, living cells, and organisms. They are well suited for highlighting molecular alterations associated with pathological disorders, thereby offering means of implementing sensitive and alternative technologies for diagnostic purposes.

This Special Issue aims to gather articles concerning optical biosensors developed to probe biomarkers of human disease, thereby providing perspectives for diagnostic applications.

Subtopics will include technological developments for biosensing of biomarkers in different pathologies (viral, cancer, inflammation, neurodegenerative, etc.) as well as applications in fundamental and clinical settings.





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