

Special Issue

Raman Spectroscopy for Clinics

Message from the Guest Editor

Raman spectroscopy has emerged as a non-invasive tool to investigate clinical biospecimens due to its unprecedented ability to probe water containing biological samples with exquisite molecular specificity. The advancements in instrumentation, miniaturization, and fiber-probe-based implementation have made it suitable for clinical application. The clinical usage has been further aided by the rapid progress in artificial intelligence and machine learning methods that enable the extraction of near inappreciable and subtle diagnostic differences from complex biological systems that are beyond human interpretability. This Special Issue intends to compile recent innovations and advancements in the Raman spectroscopy field that unlock new prospects for clinical translation. Dr. Rishikesh Pandey

Guest Editor

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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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