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Raman Spectroscopy for Clinics

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Message from the Guest Editor

Dear Colleagues,

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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Special Issue



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