Special Issue

Spectroscopy for Biochemical Imaging and Sensing

Message from the Guest Editor

"Spectroscopy for biochemical imaging and sensing" refers to the use of spectroscopic techniques to study and analyze biochemical processes, molecules, and structures within biological systems. This interdisciplinary field combines principles from spectroscopy, biology, chemistry, and imaging to investigate the composition, structure, dynamics, and interactions of biomolecules in living organisms.

- biochemical imaging
- sensing techniques
- optical spectroscopy
- fluorescence spectroscopy
- Raman spectroscopy
- infrared spectroscopy
- near-infrared spectroscopy
- surface-enhanced Raman spectroscopy
- hyperspectral/mulitspectral imaging
- fluorescence imaging
- molecular imaging

Guest Editor

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Editor-in-Chief

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