



## Surface Enhanced Raman Spectroscopy Based Sensors and Biosensors

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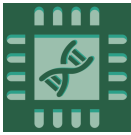
### Message from the Guest Editors

Dear Colleagues,

Surface-enhanced Raman scattering/spectroscopy (SERS) has attracted increasing interest in biotechnological applications, especially concerning those related to biorecognition and bioimaging. Indeed, thanks to a multidisciplinary approach that includes physics, chemistry, materials science, biomedicine, and electronics, this technique is more and more applied for the identification and detection of chemicals and biomolecules, or in biomedical imaging (e.g., guided surgery). Optical biosensing platforms based on SERS offer great advantages over conventional laboratory analytical methods because they allow fast and direct real-time and often label-free detection of many biological molecules, showing high specificity and sensitivity.

This Special Issue will introduce recent progress in the field of SERS-based biosensing platforms and SERS methods for biodetection, including fabrication of novel nanostructures and devices, development of innovative biorecognition systems, and their applications in bioanalysis.





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## Message from the Editor-in-Chief

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