

## Special Issue

# Surface-Enhanced Raman Scattering Biosensors

### Message from the Guest Editor

Like every up-to-date analytical technique with high potential for clinical application, surface-enhanced Raman scattering (SERS) spectroscopy has evolved into a futuristic asset in point-of-care (PoC) analysis. SERS-based biosensing approaches offer promising solutions for identifying pathogens; rapid testing for viruses, glucose or O<sub>2</sub> saturation; antibiotic susceptibility testing; early cancer diagnosis or prognosis and various other crucial clinical issues. We herein intend to comprehensively collect relevant SERS biosensors studies with potential in PoC testing and off-site use, meant to improve healthcare accessibility and sustainability. In this Special Issue we will also provide the latest input resulting from synergistic approaches like SERS and machine learning, SERS-based spectral pathology enhanced by chemometrics and adaptive, robust computational tools or SERS-based setups which integrate digital technology for ultrasensitivity and reliability.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 May 2023)



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### Message from the Editor-in-Chief

*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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