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## Research Progress in SERS-Based Biosensing

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### Message from the Guest Editors

Surface-enhanced Raman spectroscopy (SERS) has become one of the most promising bioanalytical tools. As one of the fingerprint spectroscopies, SERS can achieve high sensitivity comparable to fluorescence and is available for water phase detection. Its high energy resolution feature makes SERS attractive in the field of SERS-based biosensing. Whether indirect or direct, SERS bioanalyses have widely expanded in recent decades. A key issue in SERS research progress is developing a high-enhancement SERS substrate. To realize the biosensing, the biocompatibility of SERS substrates would be considered. This Special Issue focuses on the recent development of SERS biosensing, involving new SERS techniques for biosystems, novel biocompatible SERS substrates, unique SERS-based biosensors, and new scope of SERS bioapplications. The review and full papers are all welcome.

Keywords: surface-enhanced Raman scattering; bioanalysis; SERS tags; label-free detection; SERS substrate; hot spots; biocompatibility; biosensor; surface modification; plasmonic biosensors



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## Message from the Editor-in-Chief

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