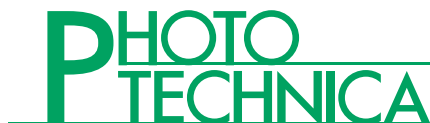




Raman Applications -- Bio and Food



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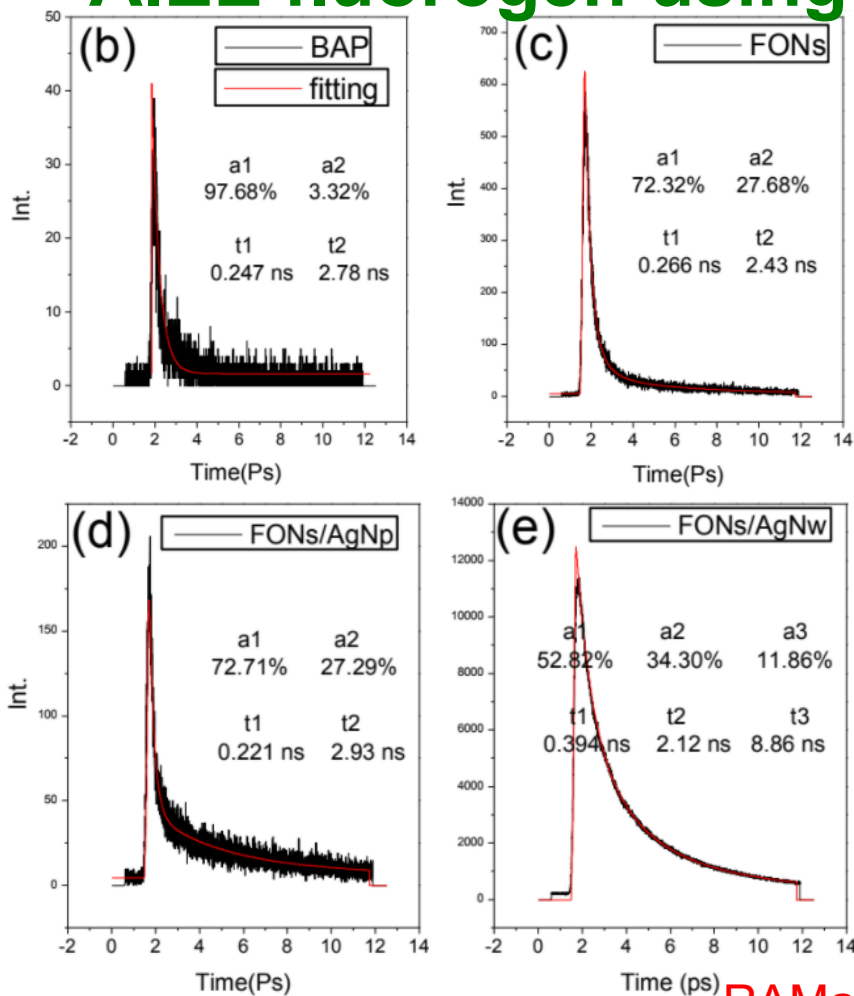
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〒336-0017 埼玉県さいたま市南区南浦和 1-2-17

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A dual photoluminescence enhancement system: Stabilization of water soluble AIEE fluorogen using silver nanowire

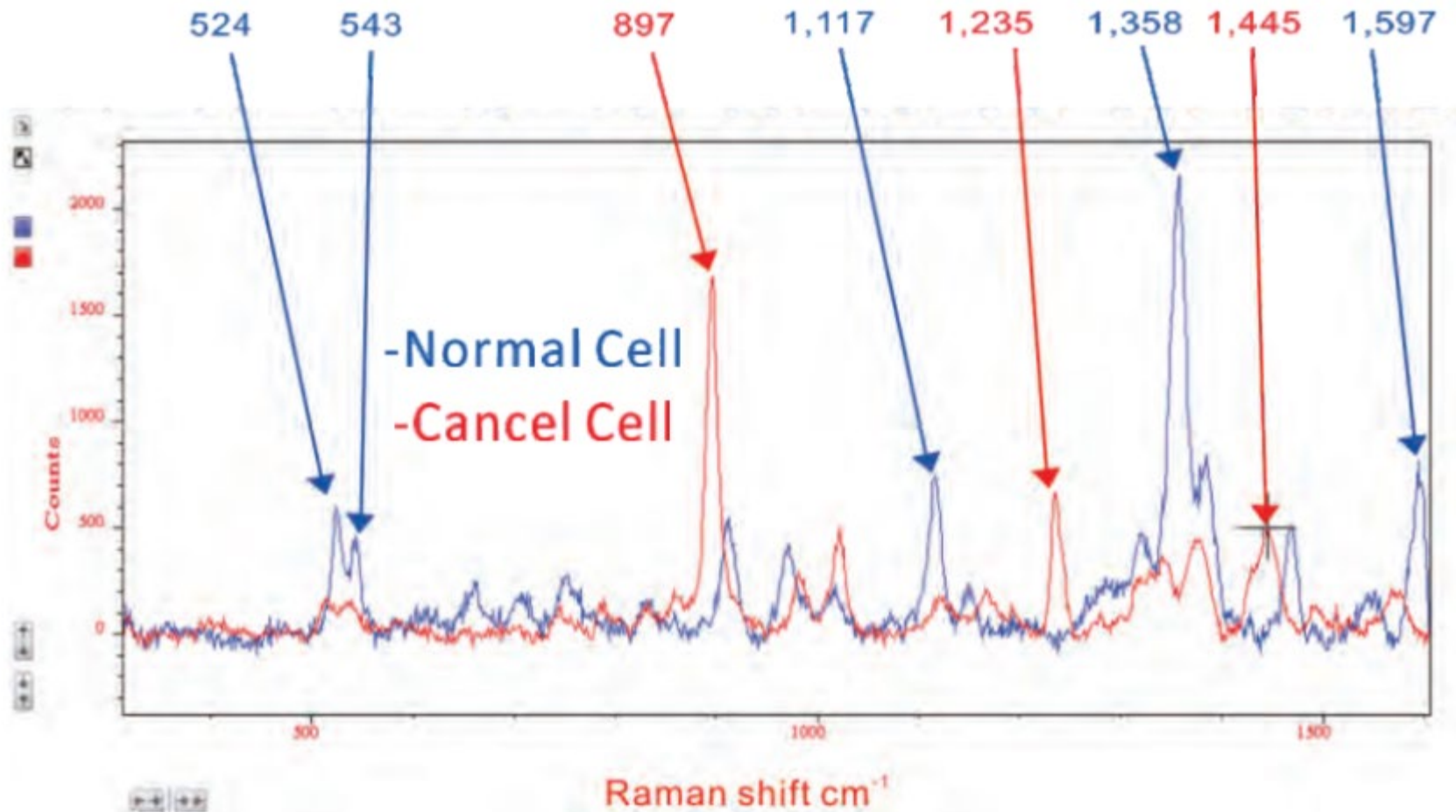


(b)-(e) Time-resolved spectra and lifetime curve fittings of the BAP, FONS, FONS/AgNp and FONS/AgNp in aqueous (pH = 3). 405 nm picosecond excitation lasers are used.

RAMaker-405nm for lifetime

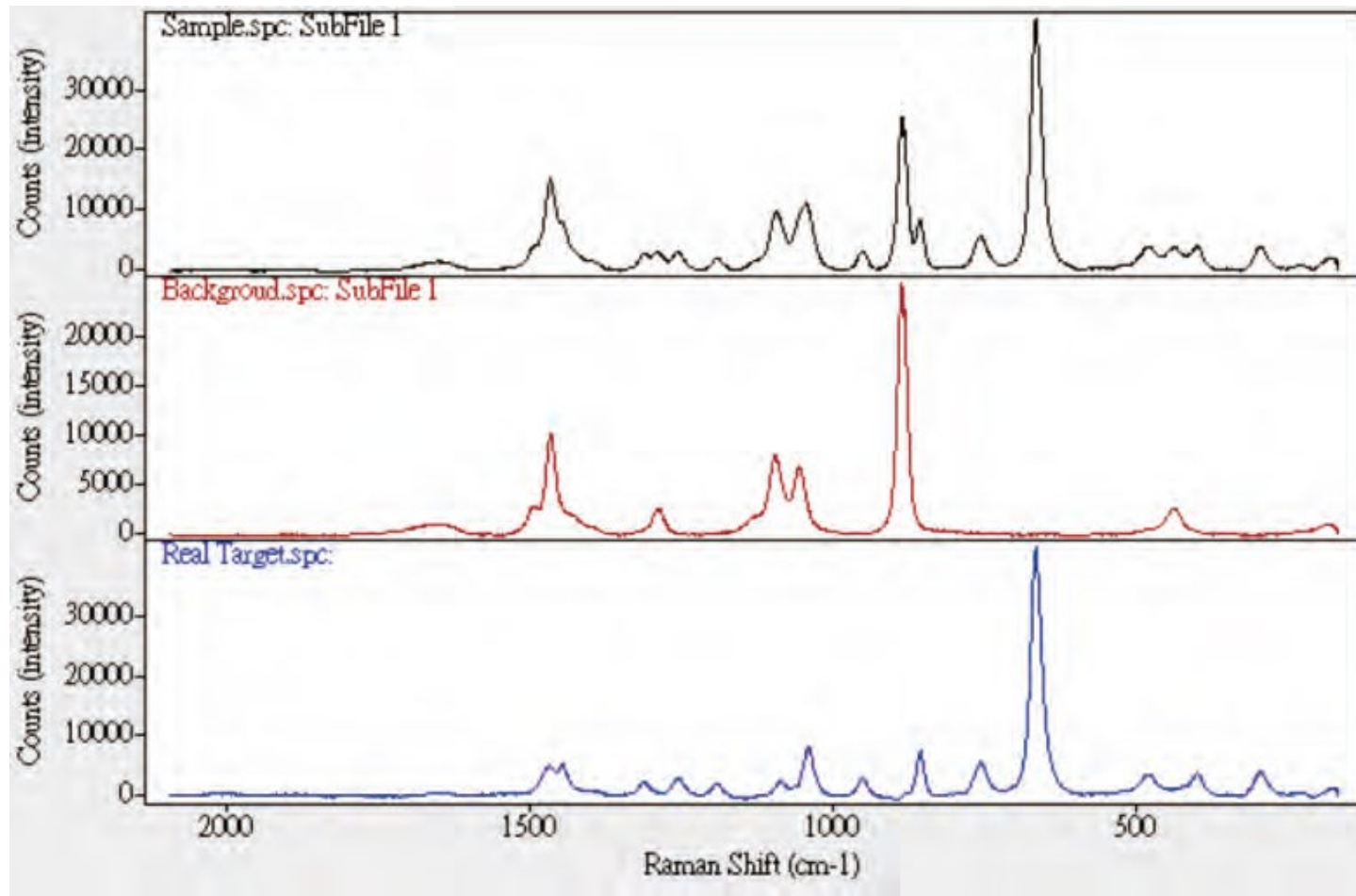
期刊來源 : Y. Chiang, C. Huang, W. H. Wang and C. Chang, Faraday Discuss., 2016, DOI: 10.1039/C6FD00164E.

Identification of Cancer and Normal cell of Oral



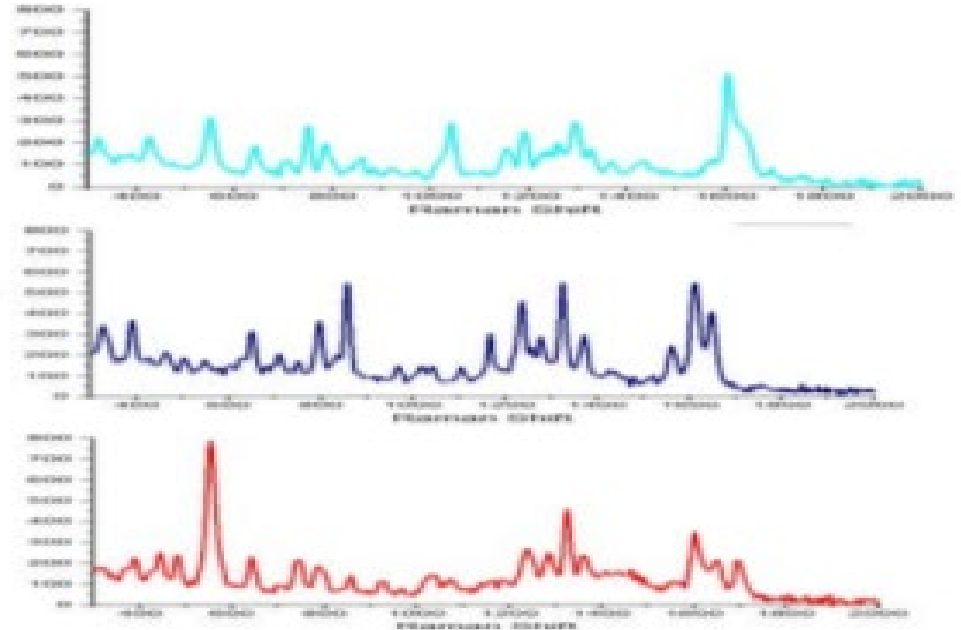
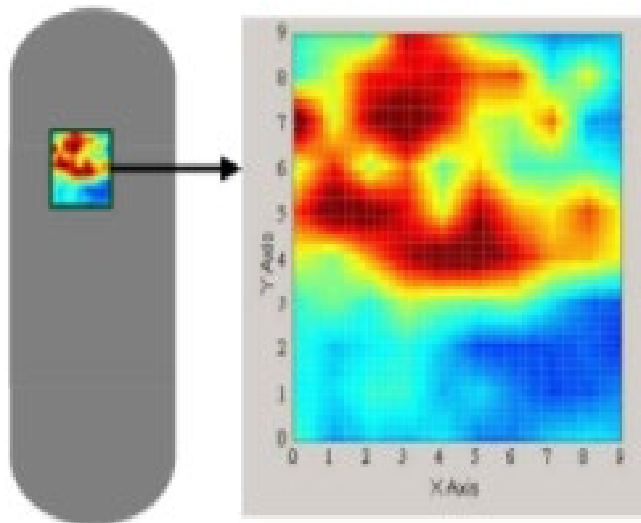
MRI-633nm

Rice wine and Fake wine



MRI

Characterization of active pharmaceutical ingredients in a tablet by RAMAN spectroscopy mapping



On the mapping image, can identify easily the principal components of the tablet as **Aspirin**, **Paracetamol**, and **Caffeine**, which are its active pharmaceutical ingredients.