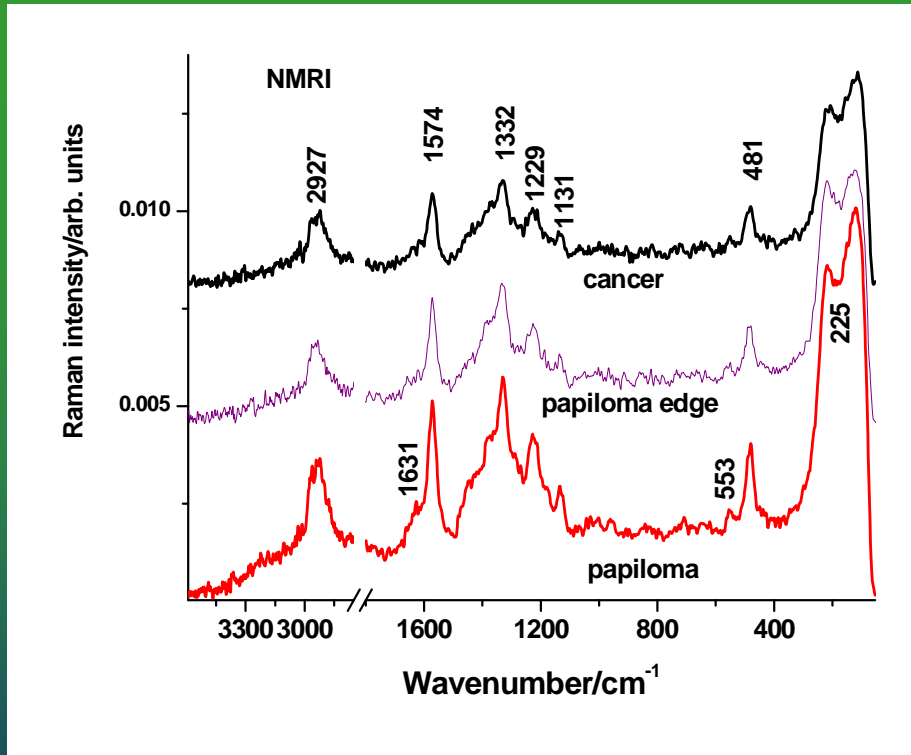


Three different skin samples



The dominant bands :
1574, 1332, 1229, 1131,
481 and 225 cm⁻¹;

The spectra collected from the tissue are always SERS spectra, measured only at positions where silver nanoparticles are present after incubation or penetrating the cells membrane.

NIR-SERS spectra collected from three different skin samples from NMRI (UVB+DMBA treated), as shown on each spectrum; 1064 nm line excitation, 140 mW , 400 scans.