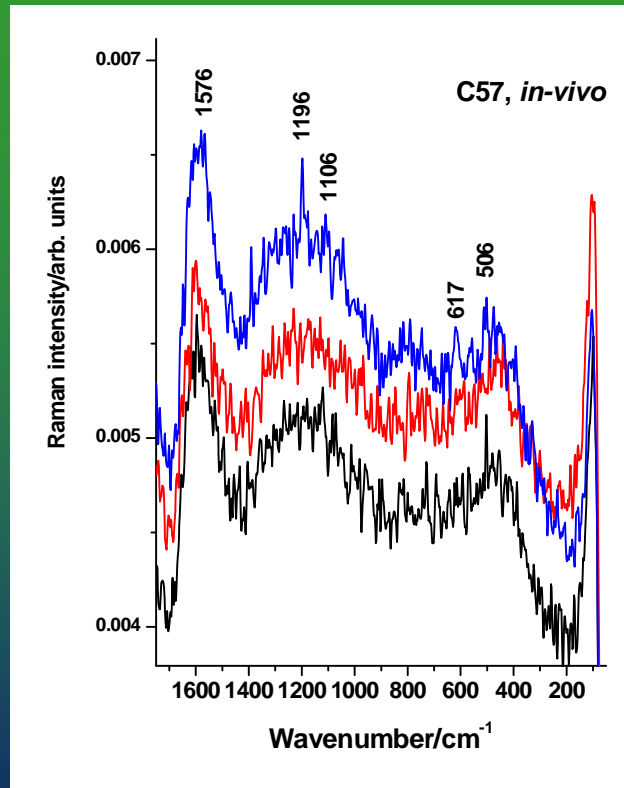
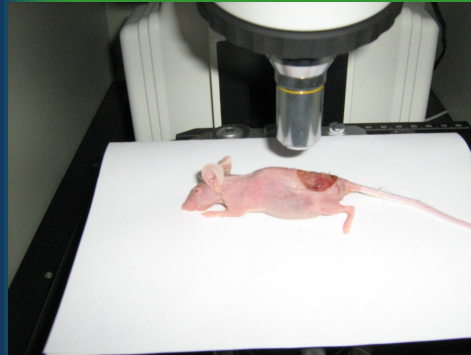


In-vivo FT-micro-Raman spectra collected from the anesthetized mouse (C-57 Naevi pigmentar) with *Dormicum*, before and after inoculation of Ag nanoparticles



IN-VIVO:

the long exposure time (400 scans, about 14 minutes), the signal is rather weak and noisy, because of the defocusing caused by breathing.

For in depth focusing (top spectrum), after adding the Ag nanoparticles, several SERS bands at 1576, 1196, 1106, 617 and 506 cm⁻¹ are observed.

FT-micro-Raman (bottom) and NIR-SERS spectra collected from the *in-vivo* C57 mouse. Excitation: 1064 nm, 400 mW.