

Graphical Abstract :

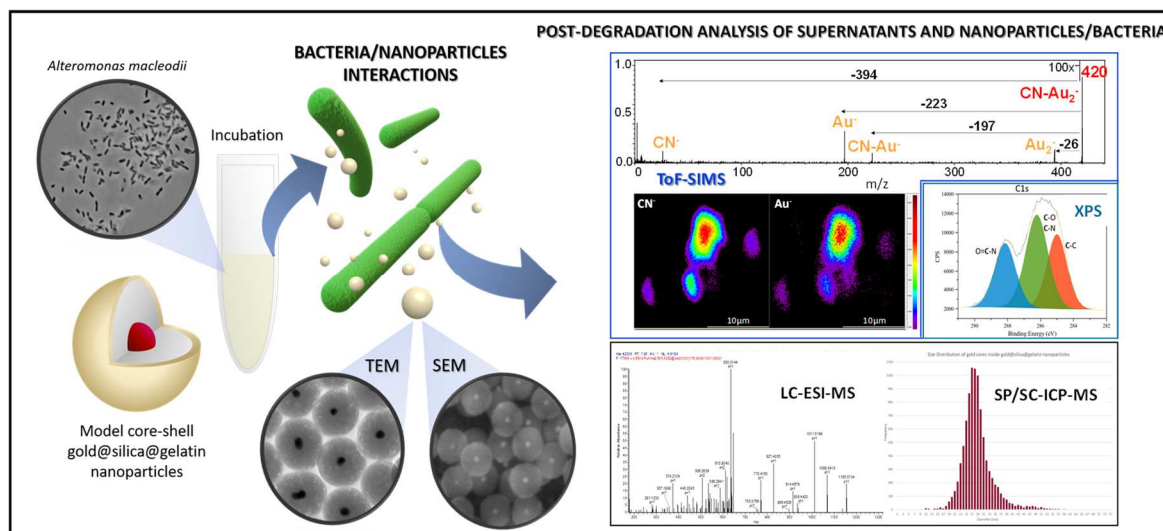


Figure 1: Analysis of bacteria/model hybrid core-shell nanoparticles interactions by a combination of surface analysis and mass spectrometry techniques including ToF-SIMS Tandem MS, XPS, AES, LC-ESI-MS and SP-ICP-MS.