

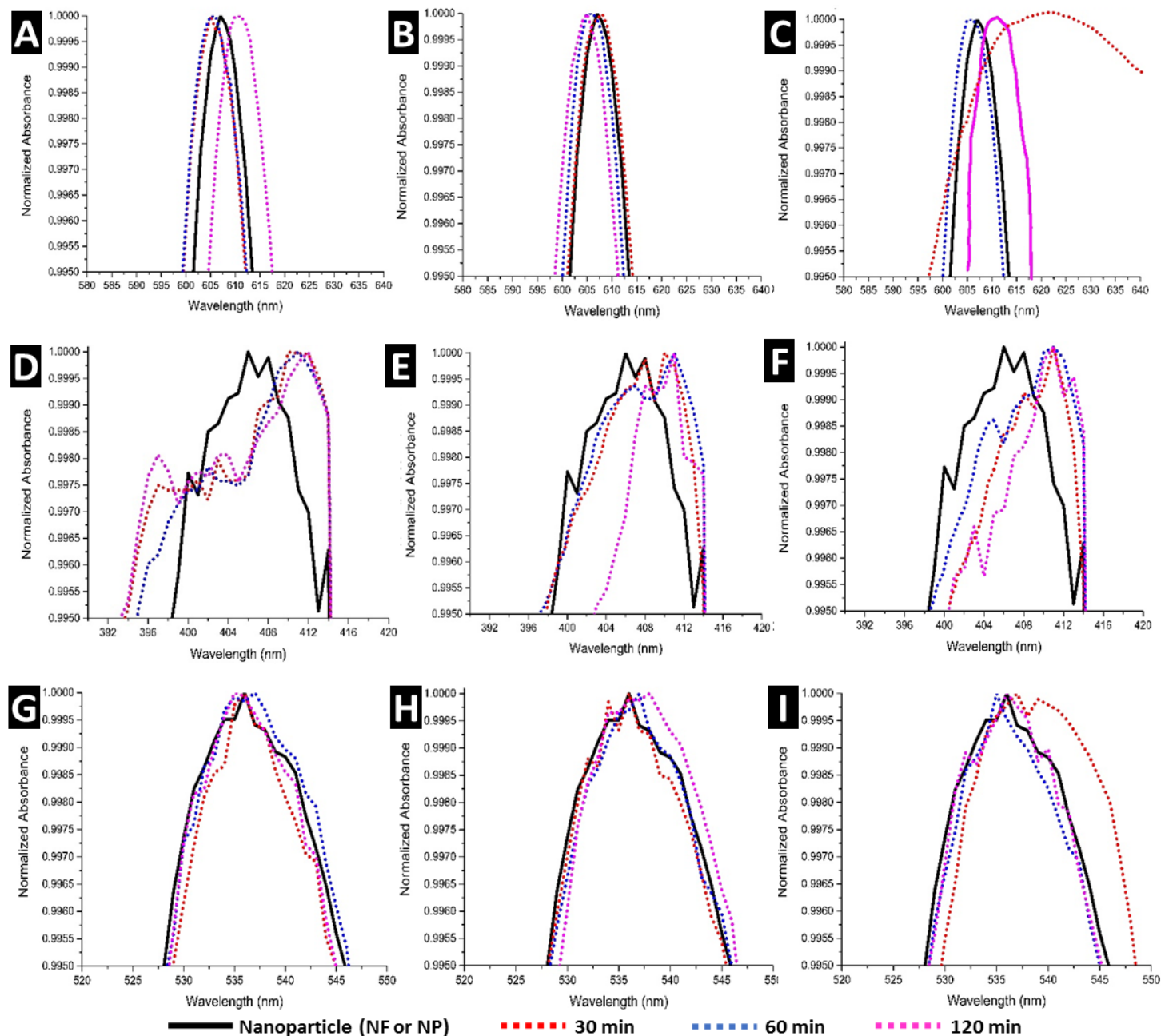


Figure 21 UV-vis analysis to evaluate cross-reactivity of non-functionalized copper (A, B and C) silver (D, E and F) and gold nanoparticles (G, H and I) towards *P. aeruginosa* (3 replicates).

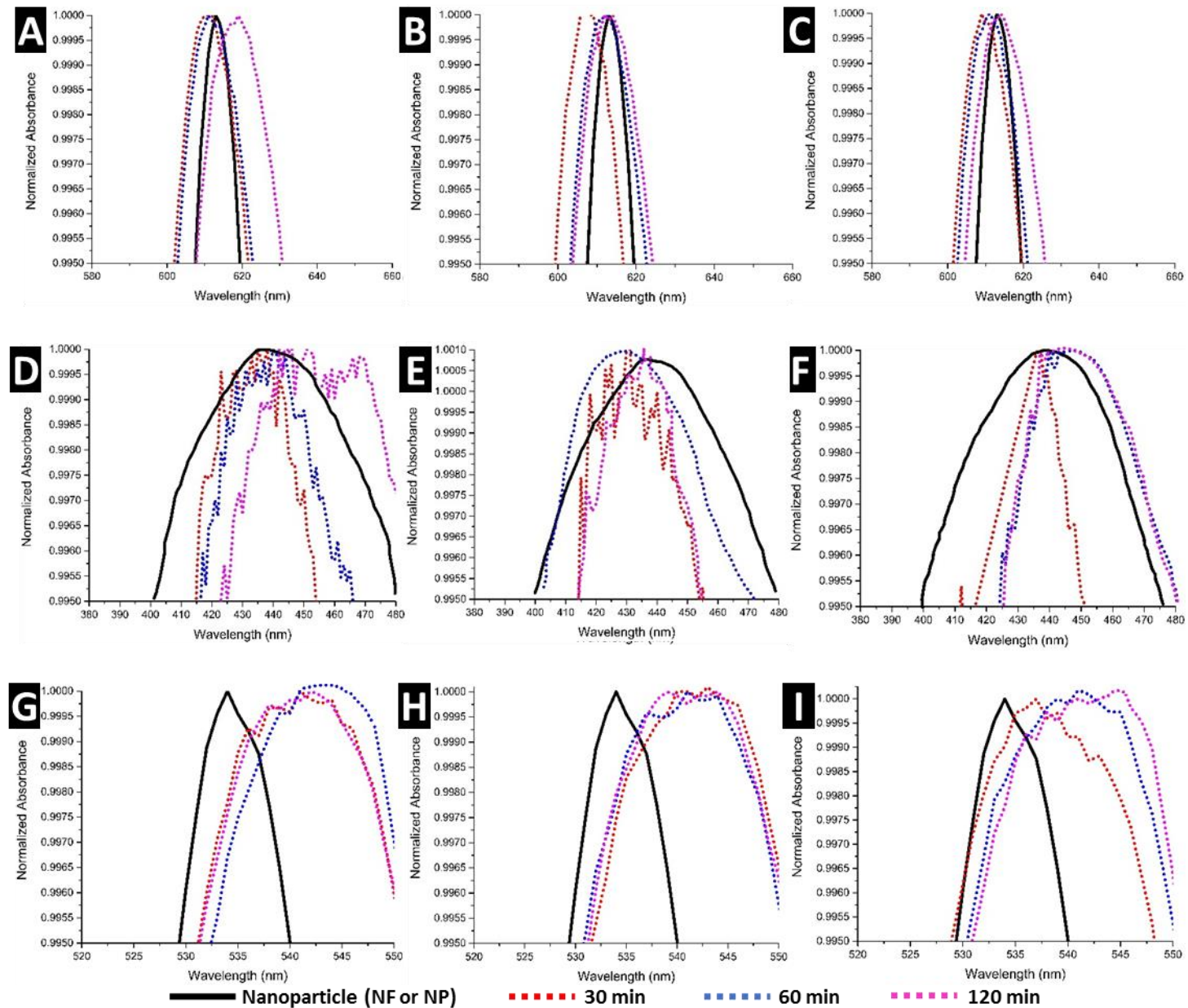


Figure 22 UV-vis analysis to evaluate cross-reactivity of functionalized copper (A, B and C) silver (D, E and F) and gold nanoparticles (G, H and I) towards *P. aeruginosa* (3 replicates).

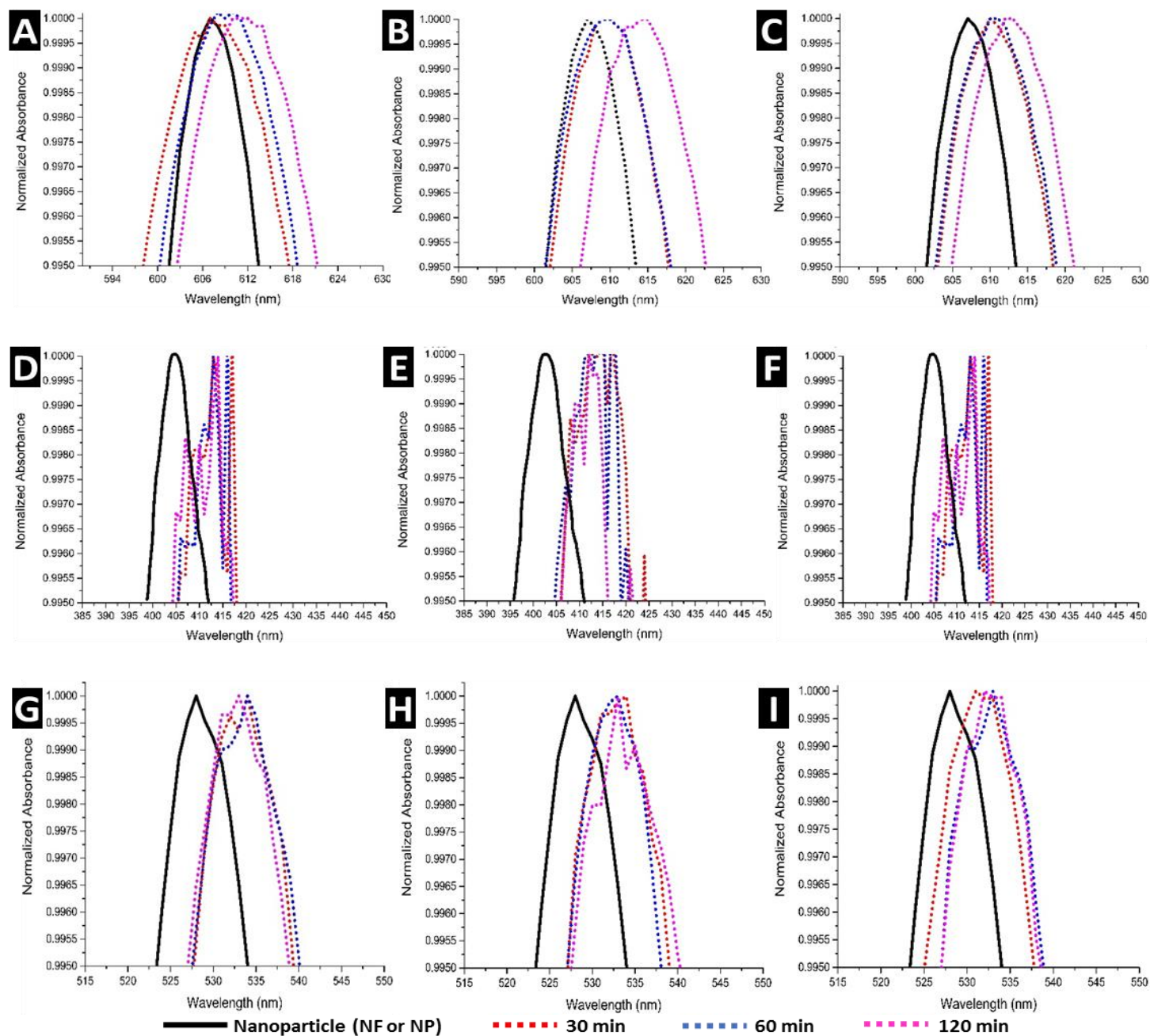


Figure 23 UV-vis analysis to evaluate specificity towards RSV by the functionalized copper (A, B and C) silver (D, E and F) and gold nanoparticles (G, H and I) in presence of *P. aeruginosa* (3 replicates).