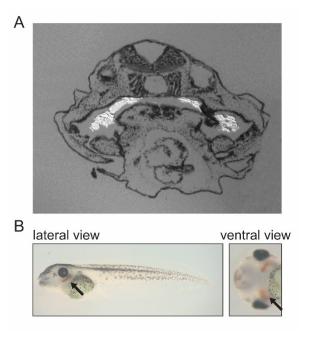


Figure 15. Colloidal properties of nanoparticles suspensions in different biological media.



**Figure 2S.** Detection of SC-DMSA (1 mg/mL) in the gills of the embryos after 72 h of exposure. (A) Scanning electron microscopy (SEM) images of gills sections. (B) Visual identification of IONPs deposition in the gills of the embryos (Black arrows).

**Figure 3S.** Schematic representation of conjugation reaction of single and multicore nanoparticles with amine PEG derives in a reaction mediated by carbodiimide.