Supporting Information (SI)

*In vivo* assessment of CdSe/ZnS quantum dots: coating dependent bioaccumulation and genotoxicity

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Figure S1. Physico-chemical characterization of differently coated QDs: (A) TEM analyses; (B) Absorption/emission spectra; (C) Comparative gel electrophoresis migration patterns of the QDs after each synthetic step: 1. QD–PC, 2. QD-PC-PEG; (D) Dynamic light scattering and ζ-potential data.
**Figure S2.** Representative confocal microscopy images of *Drosophila* haemocytes in flies treated with the differently coated QDs. Nuclei are stained with Hoechst 33342 (blue) while cells containing DNA strand nicks are detected by TUNEL assay and fluoresce red.
**Figure S3.** Representative confocal microscopy images of *Drosophila* haemocytes in flies treated with the differently coated QDs. Annexin V positive cells are stained in green. (A) CTRL; (B) QD-MUA; (C) QD-PC; (D) QD-PC-PEG.