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Title: Fluorescent Nanohybrids: Quantum-dots Coupled to Polymer-Recombinant Protein Conjugates for the Recognition of Biological Hazards

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Electronic Supplementary Information (ESI).

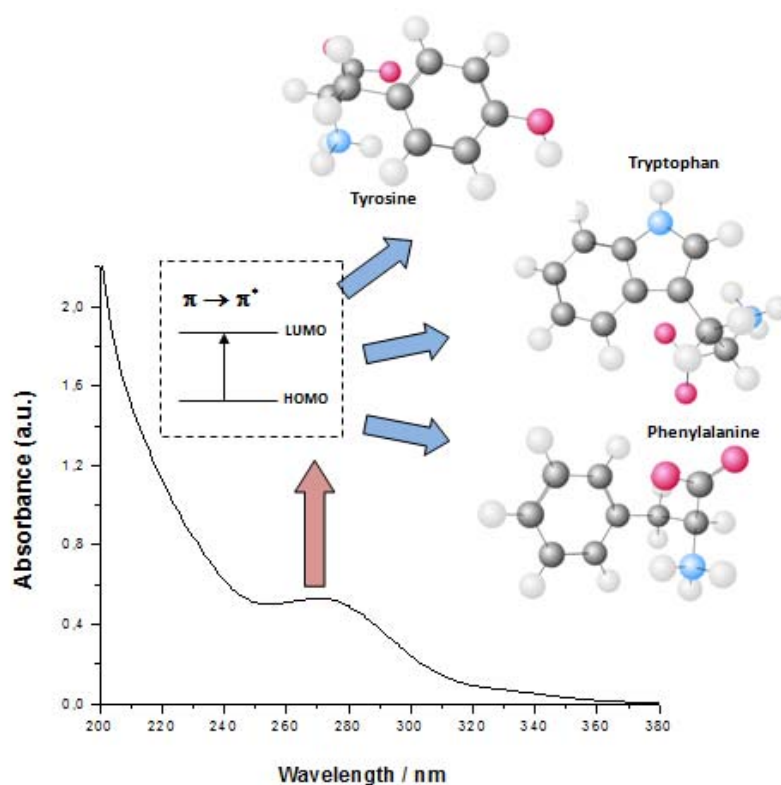


Fig. 1S UV-Vis spectrum of the bioconjugates PVA-C(O)NH-rHBoV5. (Insert: electronic transitions (π - π^*) of cyclic aminoacids, tyrosine, tryptophan and phenylalanine.

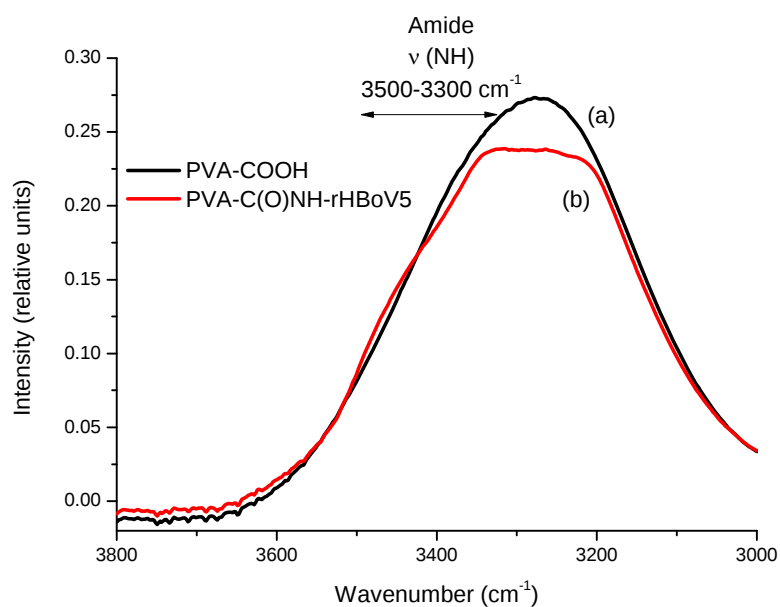


Fig. 2S FTIR spectra of (a) PVA-COOH; (b) PVA-C(O)NH-rHBoV5 in the range of 3000-3800 cm^{-1} .