

Supplementary data:

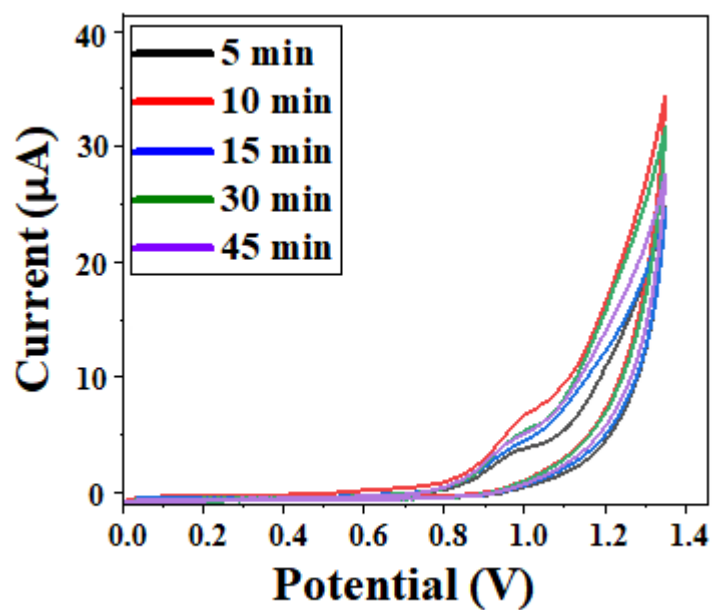
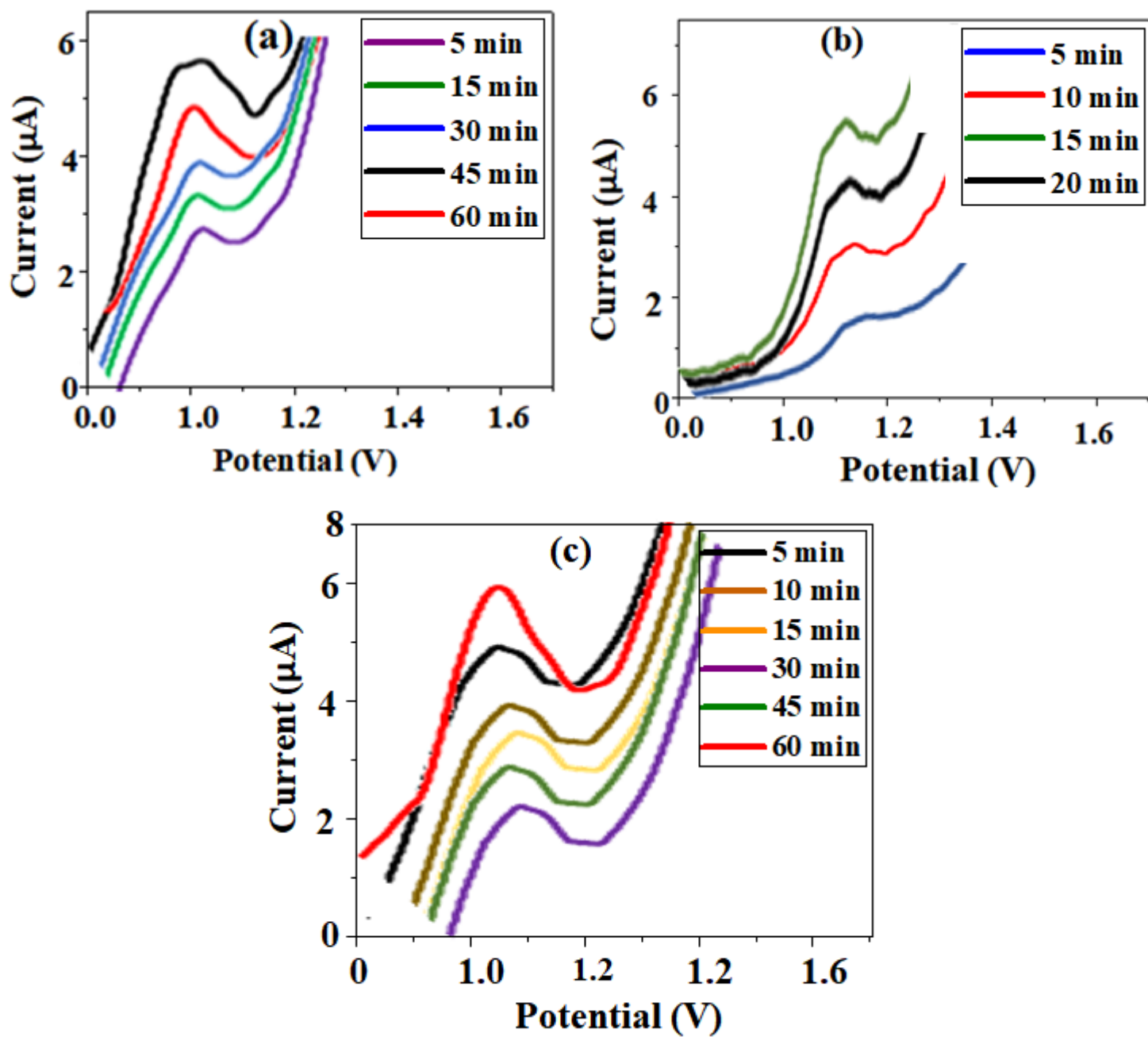


Fig. S1: CV for optimization of nanoparticles amount to transform PGE.



**Fig. S2:** DPV for optimizations (a) Electrode modification time with nanoparticles, (b) Electrode modification time with nanoparticles and enzymes, (c) Time incubation for same concentration of drug.