

Gemcitabine Direct Electrochemical Detection from Pharmaceutical Formulations Using Boron Doped Diamond Electrode

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S1: The DPVs registered for 20 µg/mL gemcitabine in the range of 0.5-2.5 V on BDDE compared with the one registered in the same potential range in the absence of the analyte

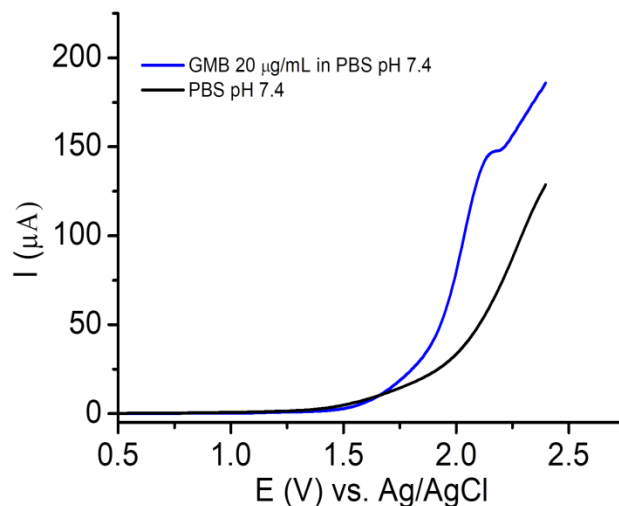


Figure S1. The voltammograms registered using the optimized DPV procedure for phosphate buffer saline (PBS) solution of pH 7.4 (black) and 20 µg/mL gemcitabine (GMB) in PBS (pH 7.4; 0.05 M)

S2: The dependence between the oxidation potential of gemcitabine and the pH of the electrolyte

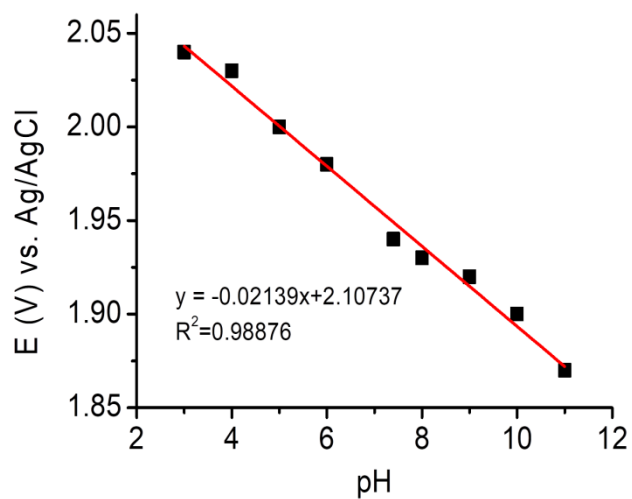


Figure S2. The variation of the oxidation potential of gemcitabine (GMB) with the pH of the electrolyte solution.