Electronic Supporting Information (ESI)

Simultaneous Voltammetric Determination of Acetaminophen and Isoniazid (Hepatotoxicity-related Drugs) utilizing Bismuth Oxide Nanorod Modified Screen-printed Electrochemical Sensing Platforms

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Figure S1 Cyclic voltammetric curves of SPE (A) and bismuth oxide nano-rods modified SPEs (B) in 0.1 M KCl containing 2×10^{-4} M potassium Ferricyanide at various scan rates.



Figure S2. Cyclic voltammetric profiles of 75 μ M of APAP and 75 μ M INH onto bare/unmodified (black) and bismuth oxide modified SPEs (red) in B.R. buffer pH 2.



Figure S3. Differential pulse voltammetric profiles of 50 μ M of APAP and 100 μ M INH onto various nanomaterial modifiers in B.R. buffer pH 2.



Figure S4. (A and B) Cyclic voltammetric profiles of 100μ M of APAP and 100μ M INH onto bismuth oxide modified SPEs in different pH values. (C) Effect of solution pH on the peak separation of 50μ M of APAP and 50μ M, and (D) Effect of solution pH onto voltammetric oxidation peak of APAP and INH.



Figure S5. DPV responses of APAP and INH in different real sample analysis (A) blood serum, B) urine and C) saliva samples.