Supplemental Information:
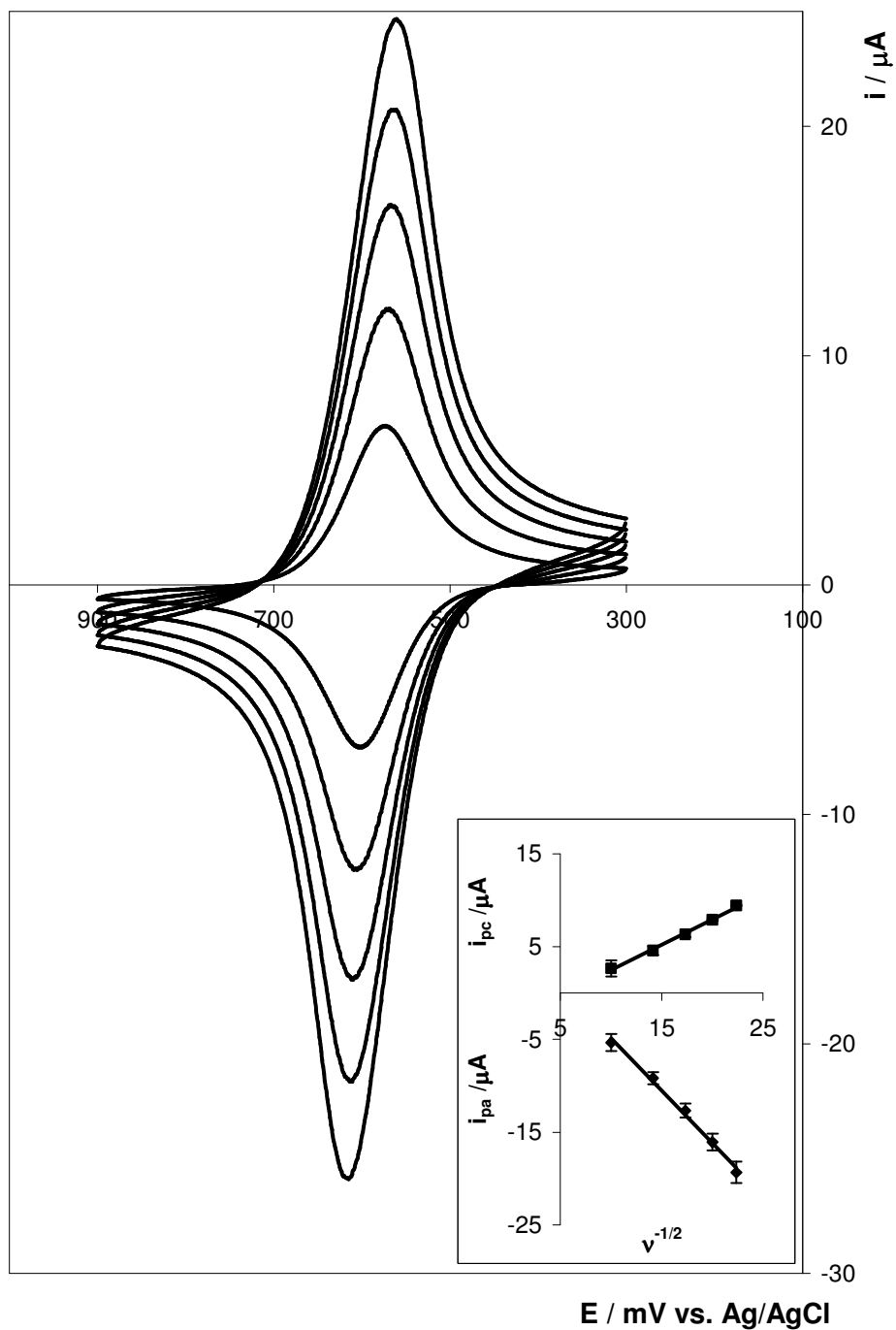
Supporting Figure 1: Scan Rate dependency for $[Os(bpy)_2(PVP)_{10}]^{2+}$ on glassy carbon electrodes, ($\Gamma = (2 \pm 1) \times 10^{-9}$ mol cm^{-2}), in 0.1 M H_2SO_4, $100 < \nu < 500$ mVs^{-1}. Inserts show the Randles-Sevick plot for the data set, after background corrections had been preformed on each individual cyclic voltammograms to remove the background current.

Supporting Figure 2: Potential dependence of current and emission intensity of (a) $[Os(bpy)_2(PVP)_{10}]^{2+}$ modified electrode, (b) Os-Pani, and (c) Os-PPy composite films on glassy carbon electrodes in 0.1 M PBS solution containing 100 mM 8-oxoG (pH 5.5). Scan rate of 100 mVs^{-1}. The surface coverages were $(2 \pm 0.7) \times 10^{-9}$ mol cm^{-2} for the $[Os(bpy)_2(PVP)_{10}]^{2+}$ film and $(7 \pm 4) \times 10^{-9}$ mol cm^{-2} for the Os-Pani and Os-PPy composites.
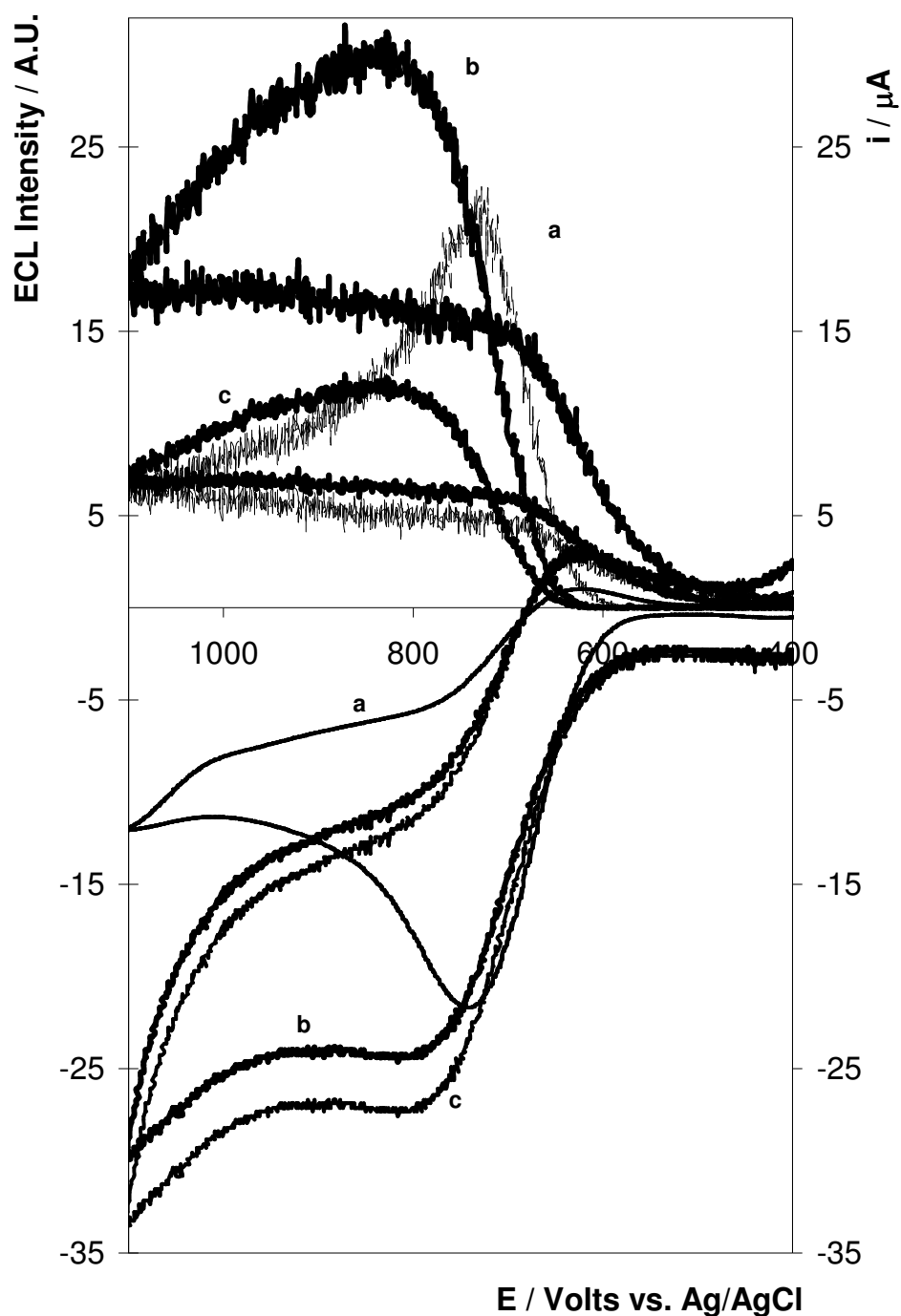
Supporting Figure 3: Cyclic voltammogram of a $[Os(bpy)_2(PVP)_{10}]^{2+}$ modified electrode on an ITO electrode in 0.1 M PBS solution (pH 5.5). Scan rate of 100 mVs^{-1}. The surface coverages were $(2 \pm 0.7) \times 10^{-9}$ mol cm^{-2} for the $[Os(bpy)_2(PVP)_{10}]^{2+}$.