

**Iron Phthalocyanine in Non-Aqueous Medium Forming Layer-by-Layer Films:
Growth Mechanism, Molecular Architecture, and Application**

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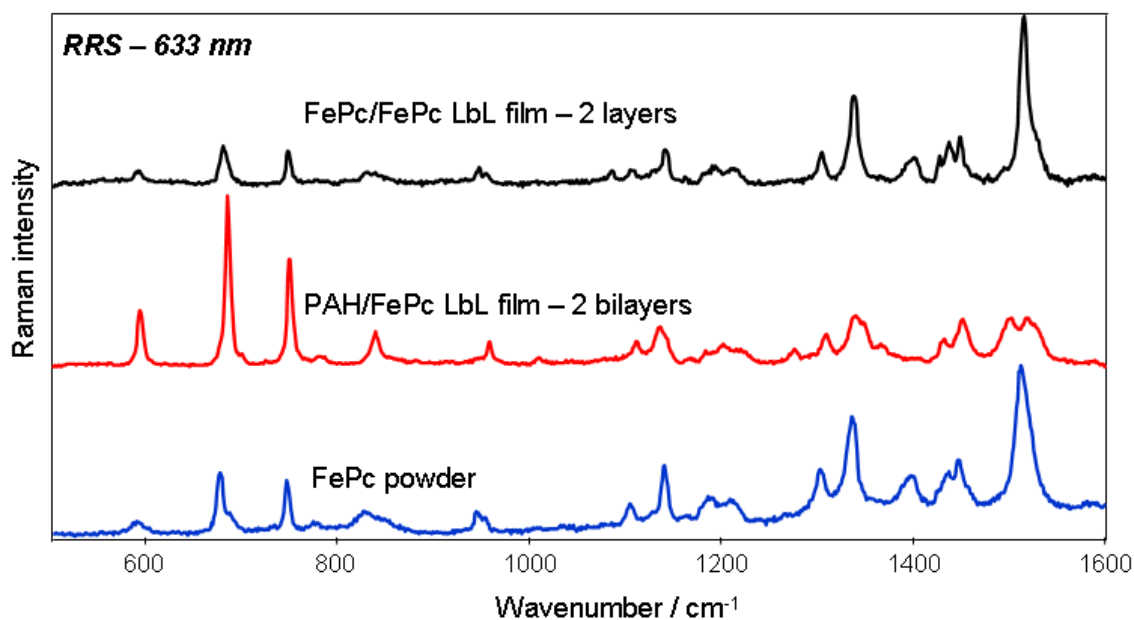


Figure ESI 1: Resonance Raman spectra (RRS) recorded with the 633 nm laser line for FePc powder and LbL films containing 2 bilayers of PAH/FePc and 2 layers of FePc/FePc.

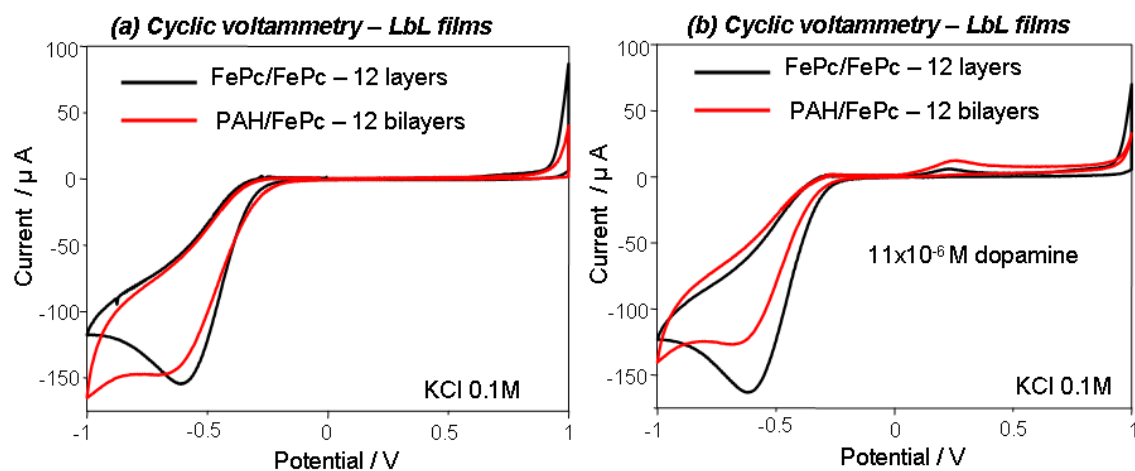


Figure ESI 2: cyclic voltammograms recorded with 100 mV/s in 0.1 M KCl for LbL films with 12 bilayers of PAH/FePc and 12 layers of FePc/FePc (a) with and (b) without dopamine at 11×10^{-6} M.