Supporting Information

**Photo-doping of plasma-deposited polyaniline (PAni)**

Sait Elmas\textsuperscript{a}\textsuperscript{*}, Wesley Beelders\textsuperscript{a}, Joseph Nash\textsuperscript{a}, Thomas J. Macdonald\textsuperscript{b}, Marek Jasieniak\textsuperscript{a}, Hans J. Griesser\textsuperscript{a}, and Thomas Nann\textsuperscript{a,c}

**Figure S 1:** a) Cyclic voltammogram of the electropolymerisation of aniline (0.02 molar) in a 0.5 M H\textsubscript{2}SO\textsubscript{4} solution. The solution was swept (10 scans, 1\textsuperscript{st} scan not shown) at a scan rate of 100 mV/s between -0.3 and +1.0 V vs. Ag|AgCl (3M KCl); inset shows a photographic picture of the electropolymerised PAni (PAni-ep) film grown on a gold substrate; b) photocurrent response of PAni-ep in 0.1M PBS solution recorded at the OCP.