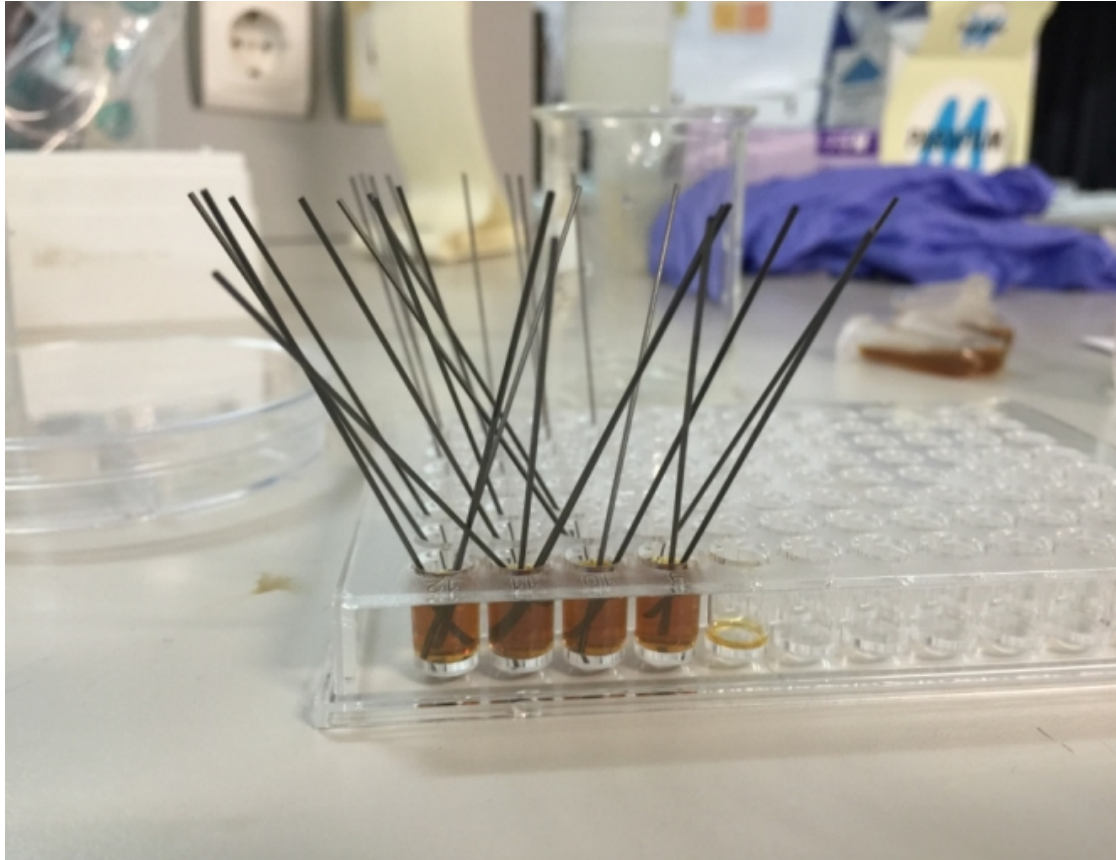


SM-Fig.1. Electrochemical Impedance Spectroscopy (EIS) system used in this study with three electrodes; (i) a PGE, (ii) a Ag/AgCl/ 3M KCl reference electrode and (iii) a platinum wire as the auxiliary electrode. A typical test result recorded on the computer (upper left).



SM-Fig.2. Deposition of GNRs onto the PGE surface by simple incubation.