Supplementary Materials: Multi-Substrate Biofuel Cell Utilizing Glucose, Fructose and Sucrose as the Anode Fuels †

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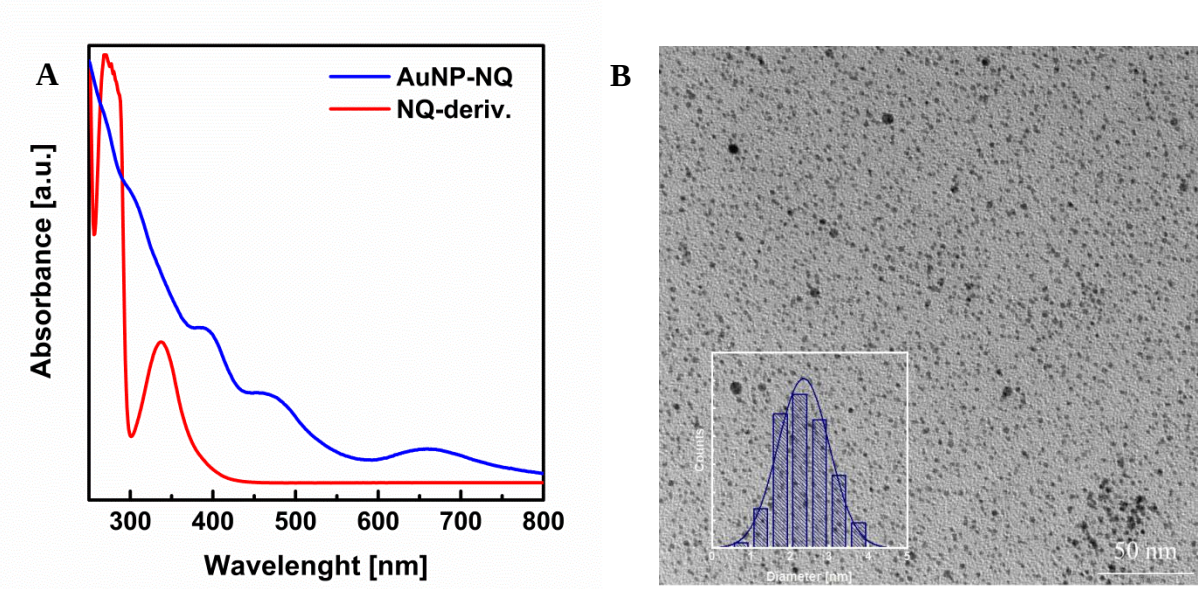

Figure S1. Characteristics of AuNP-NQ: A) UV-Vis spectra (red – NQ derivative, blue – AuNP modified with synthesized NQ-derivative) all measured in CH_2Cl_2; and B) TEM image (mean diameter 2.3 ± 0.6 nm), scale bar – 50 nm.

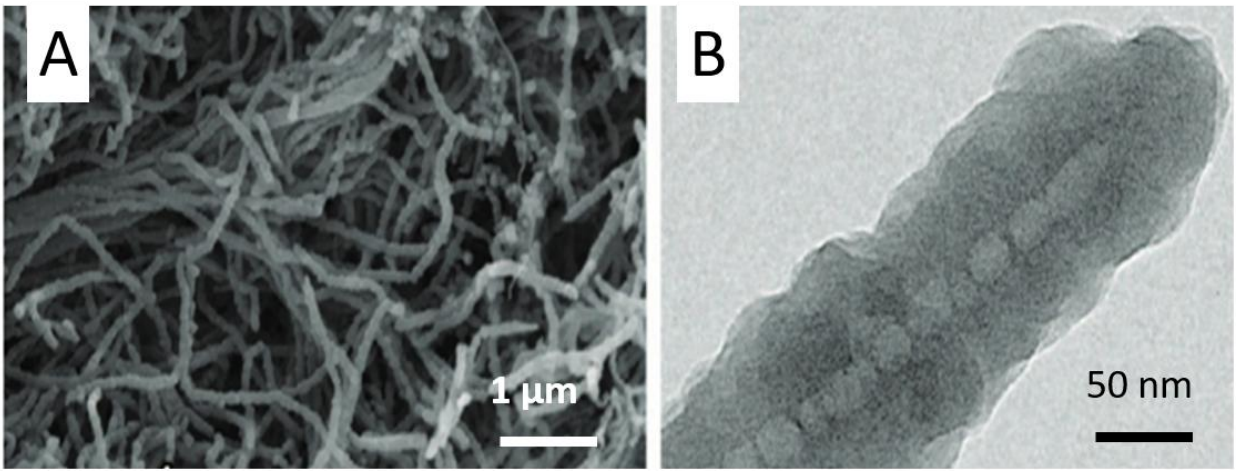

Figure S2. SEM image CPPy paper; B) TEM image of separated CPPy fibre

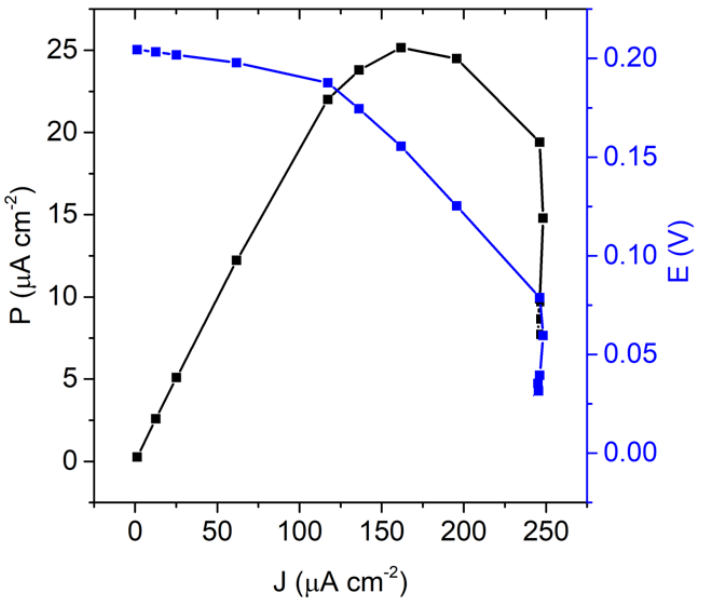

Figure S3 Polarization (blue lines) and power (black line) curve for the full fuel cell containing an enzymatic cascade anode and a LAC cathode in deoxygenated McIlvaine buffer pH 5