

PANI Based Wearable Electrochemical Sensor for pH Sweat Monitoring

Francesca Mazzara¹, Bernardo Patella¹, Chiara D'Agostino¹, Maria Giuseppina Bruno¹, Sonia Carbone¹, Francesco Lopresti¹, Giuseppe Aiello¹, Claudia Torino², Antonio Vilasi², Alan O'Riordan³, Rosalinda Inguanta^{1,*}

¹ Applied Physical Chemistry Lab, Department of Engineering, Università degli Studi di Palermo, Viale delle Scienze, 90128 Palermo, Italy

² Istituto di Fisiologia Clinica (IFC)-Consiglio Nazionale delle Ricerche-Reggio Calabria, Italy

³ Nanotechnology group, Tyndall National Institute, University College Cork, Dyke Parade, Cork, Ireland

* Correspondence: rosalinda.inguanta@unipa.it

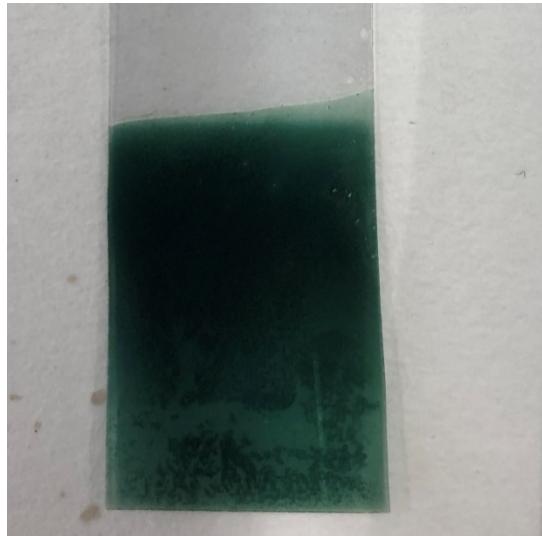


Figure S1 Thin film of PANI on ITO-PET substrate electrode

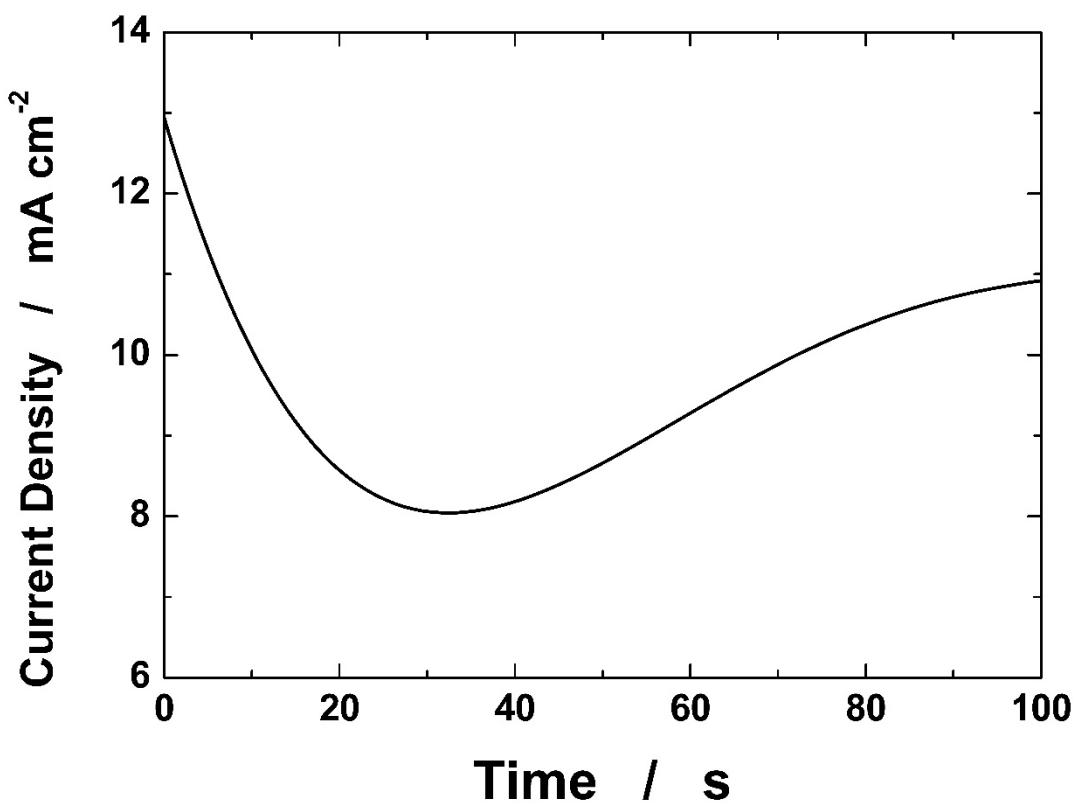


Figure S2 Growth curve for the electrochemical deposition of PANI on ITO-PET/rGO substrate



Figure S3: Measurement of the pH of a real sweat sample using a laboratory pH meter.