

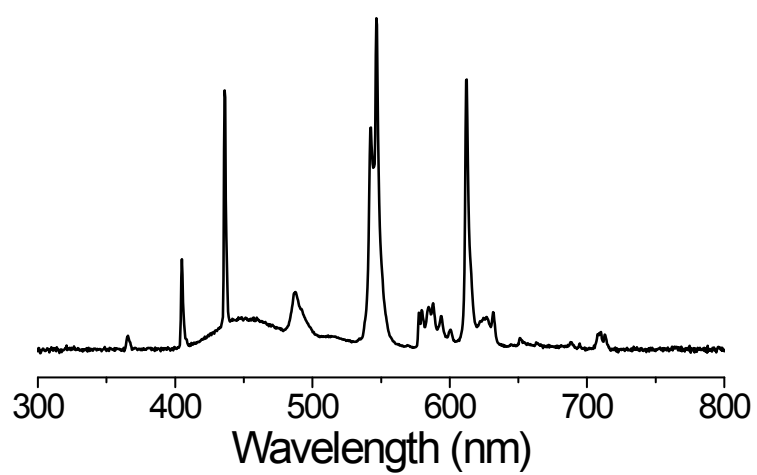
## SUPPORTING INFORMATION

### **Eosin-mediated synthesis of polymer coatings combining photodynamic inactivation and antimicrobial properties**

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**Figure S1**



**Figure S1.** Emission spectrum of the lamps used during the different incubation times.

Figure S2.

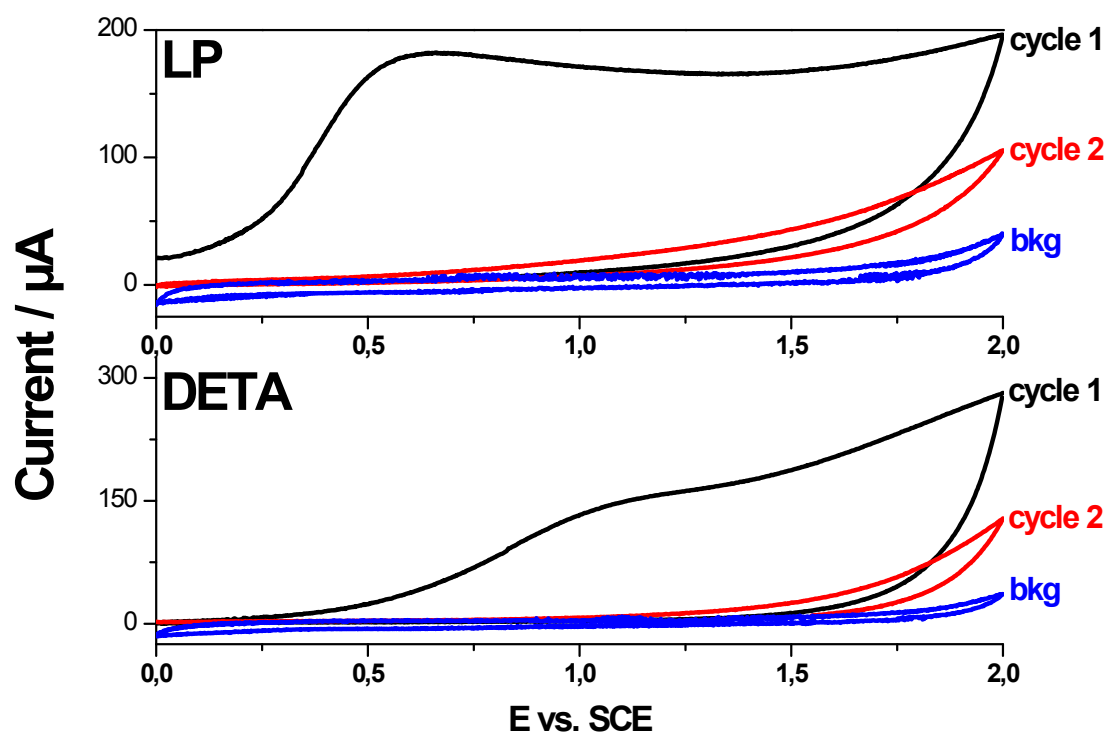
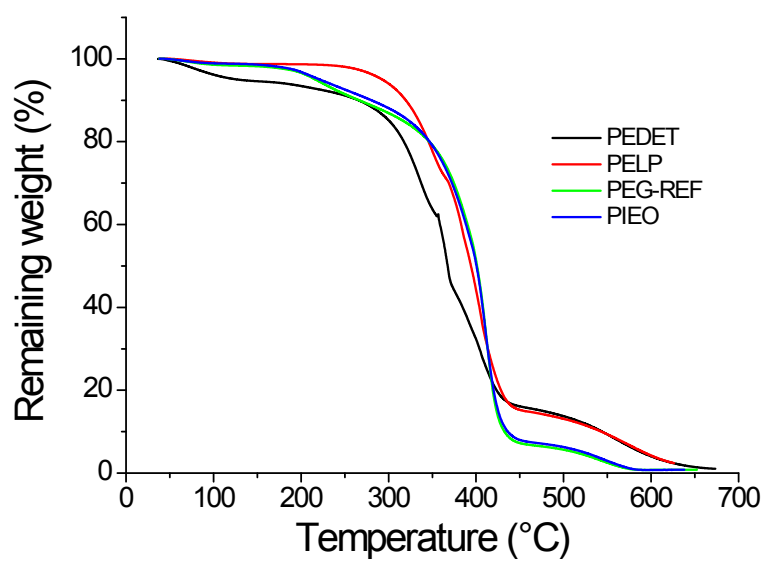


Figure S2. Cyclic voltammetry of LP and DETA in ACN

**Figure S3**



**Figure S3.** TGA thermograms of the photoinduced eosin-derived films (PELP, PEDET and PIEO) and the REF-PEG sample under air.