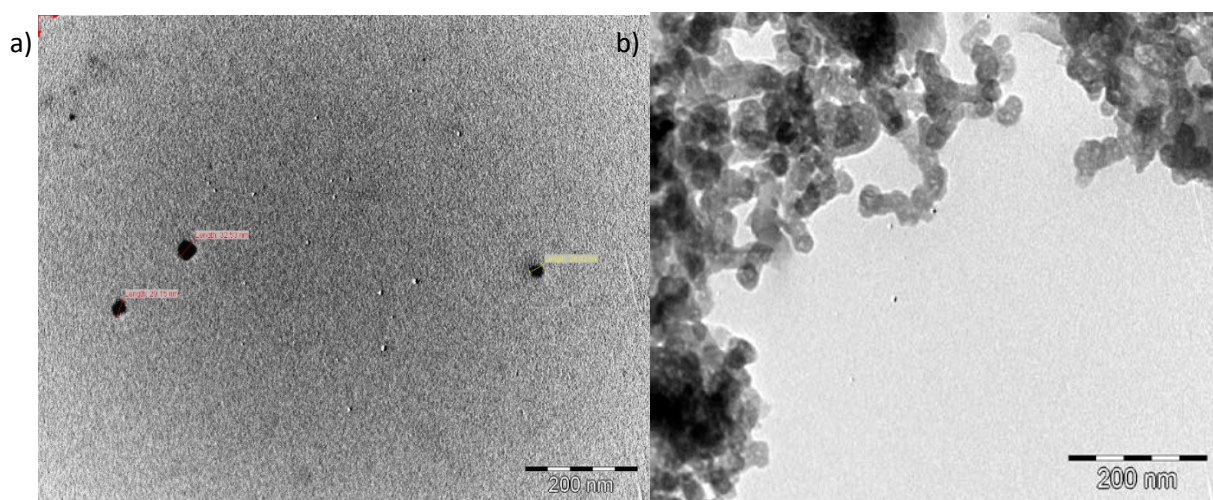


## Supporting information

**Magnetic nanoparticle - indium phthalocyanine conjugate embedded in electrospun fiber for photodynamic antimicrobial chemotherapy and photodegradation of methyl red**

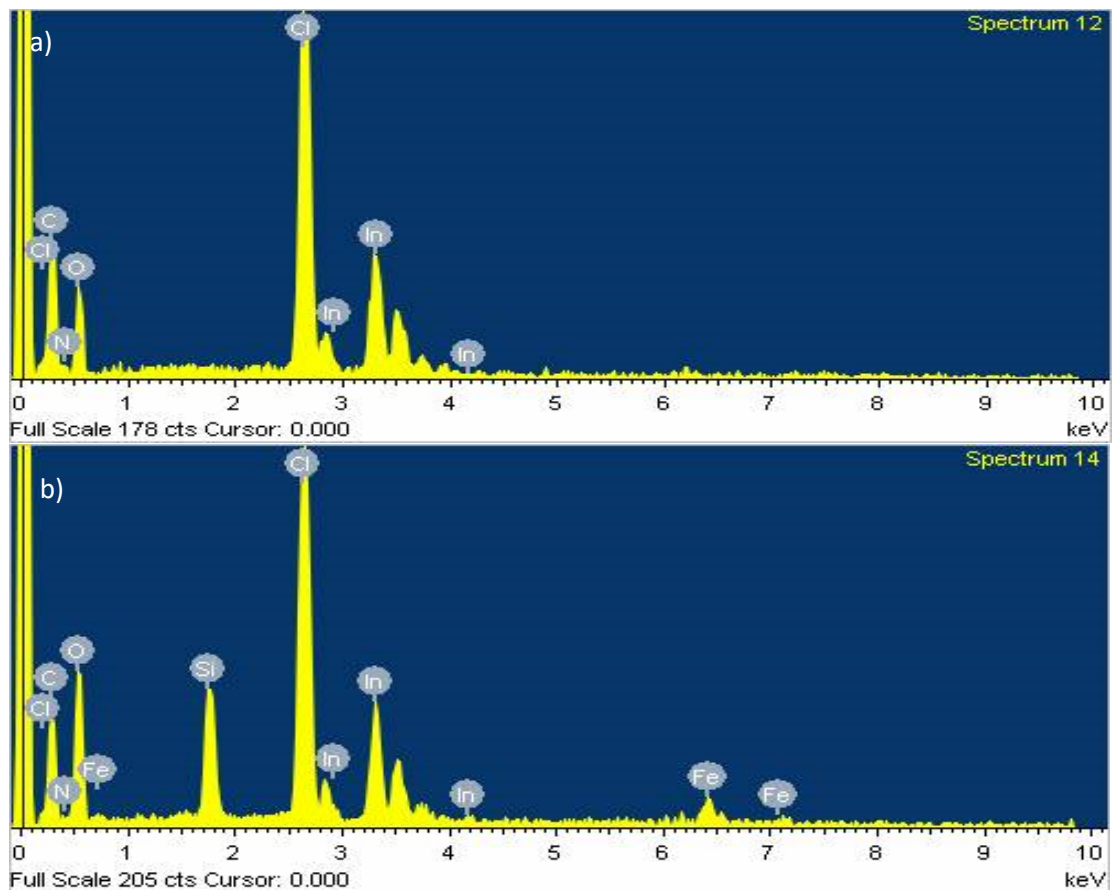
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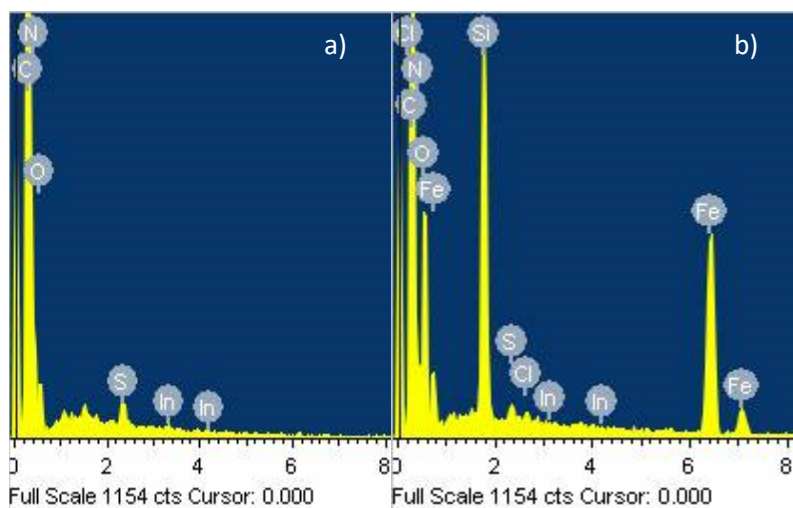


**Figure S1:** TEM images of a) MNP-NH<sub>2</sub> and (b) MNP-ClInOCPc conjugate.

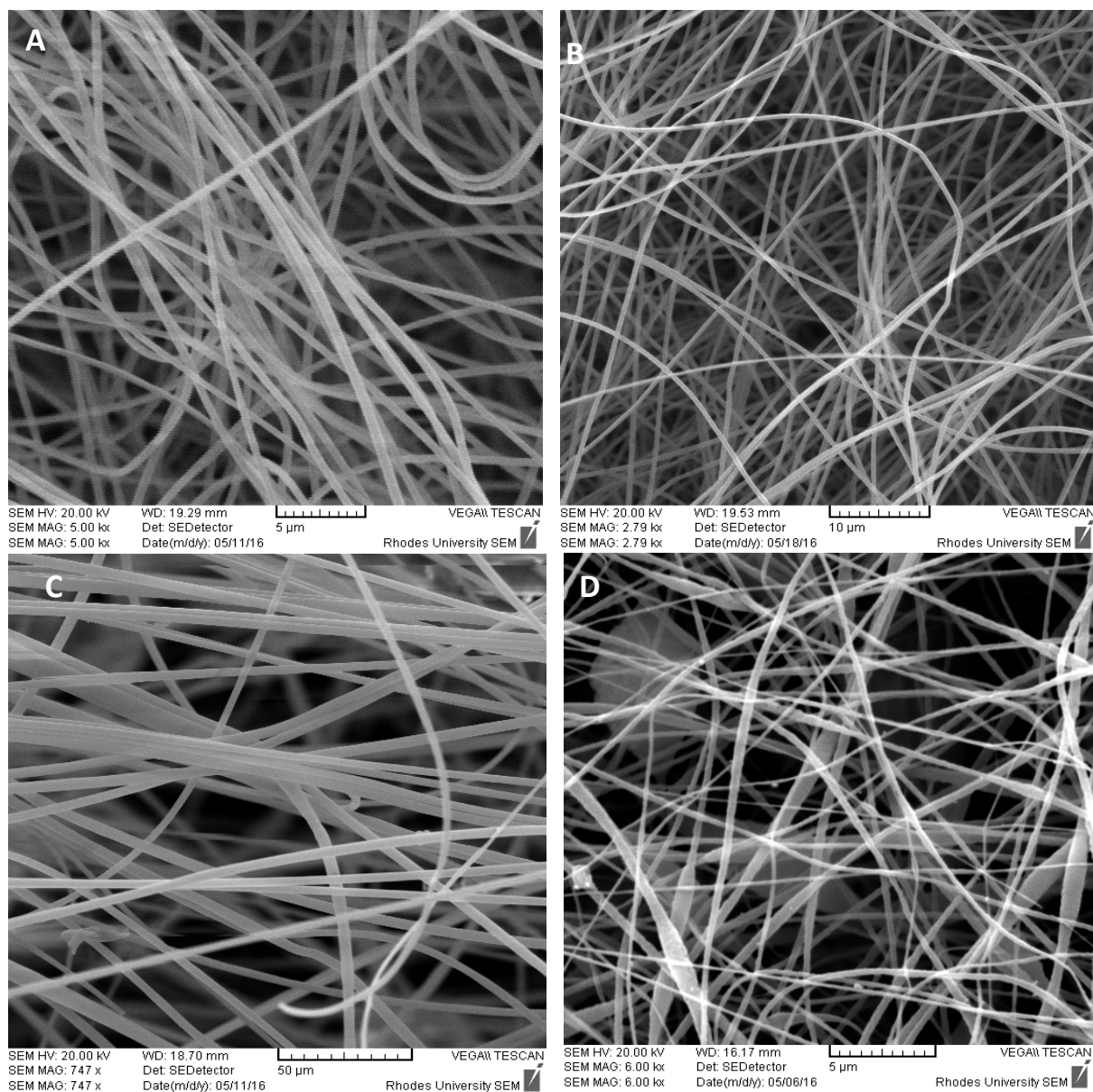
(A)



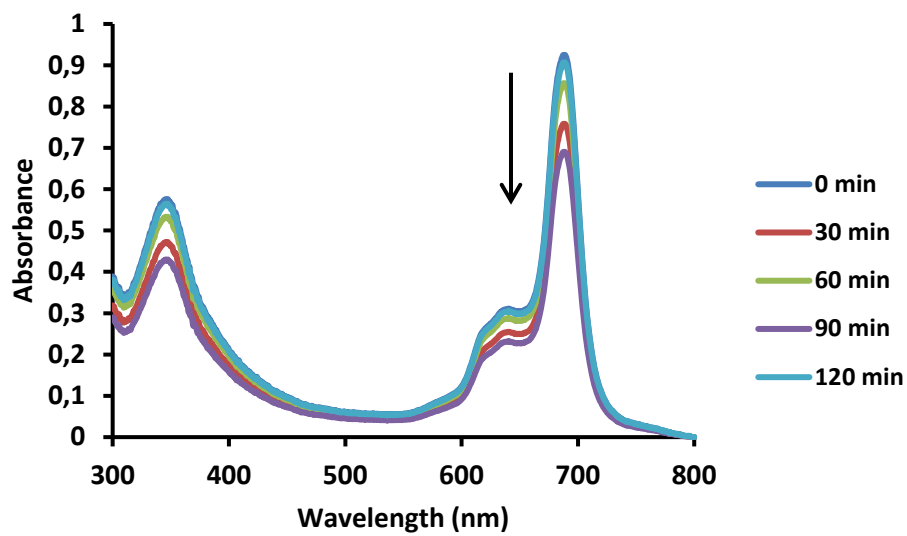
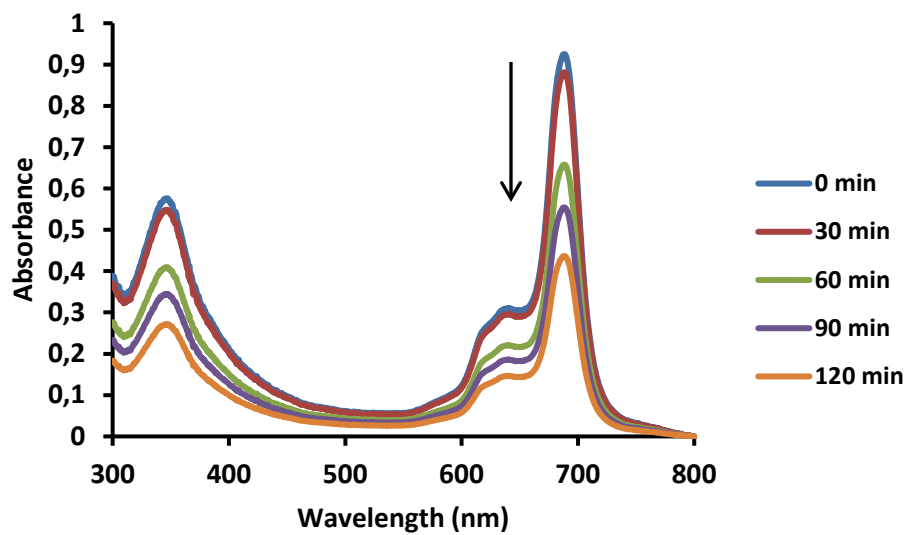
(B)



**Figure S2:** EDX data for illustrating the composition (A) a) ClInOCPc and b) MNP-ClInOCPc conjugate and (B) a) ClInOCPc/PAN b) MNP-ClInOCPc/PAN



**Figure S3:** SEM images of the nanofibers mats of A. PAN, B. ClInOCPc/PAN, C. MNP-ClInOCPc/PAN, and D. Re-used MNP-ClInOPc/PAN.



**Figure S4:** UV-Vis spectra during irradiation for PACT (A) ClInOCPc and (B) MNP-ClInOCPc in 0.2 % DMF in PBS.