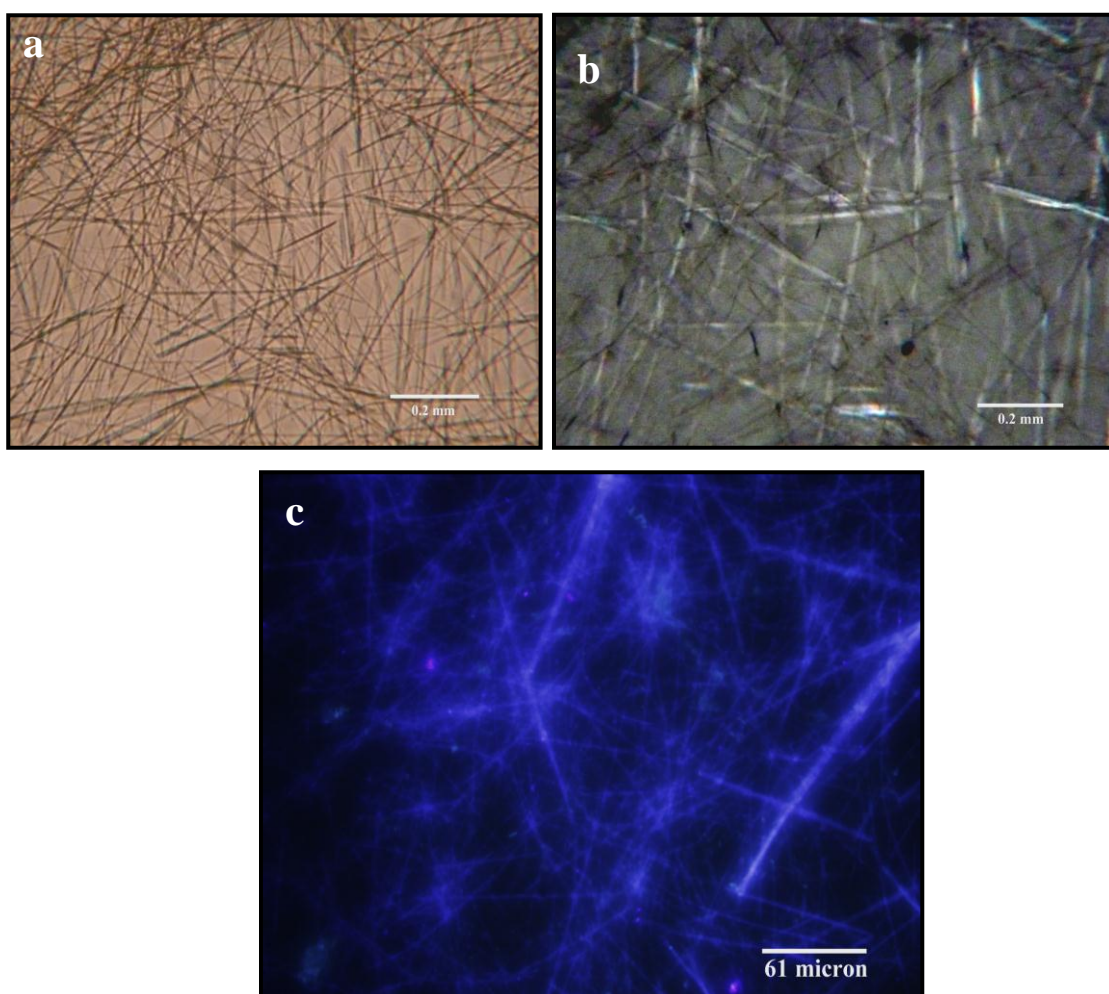


## Electronic Supplementary Materials

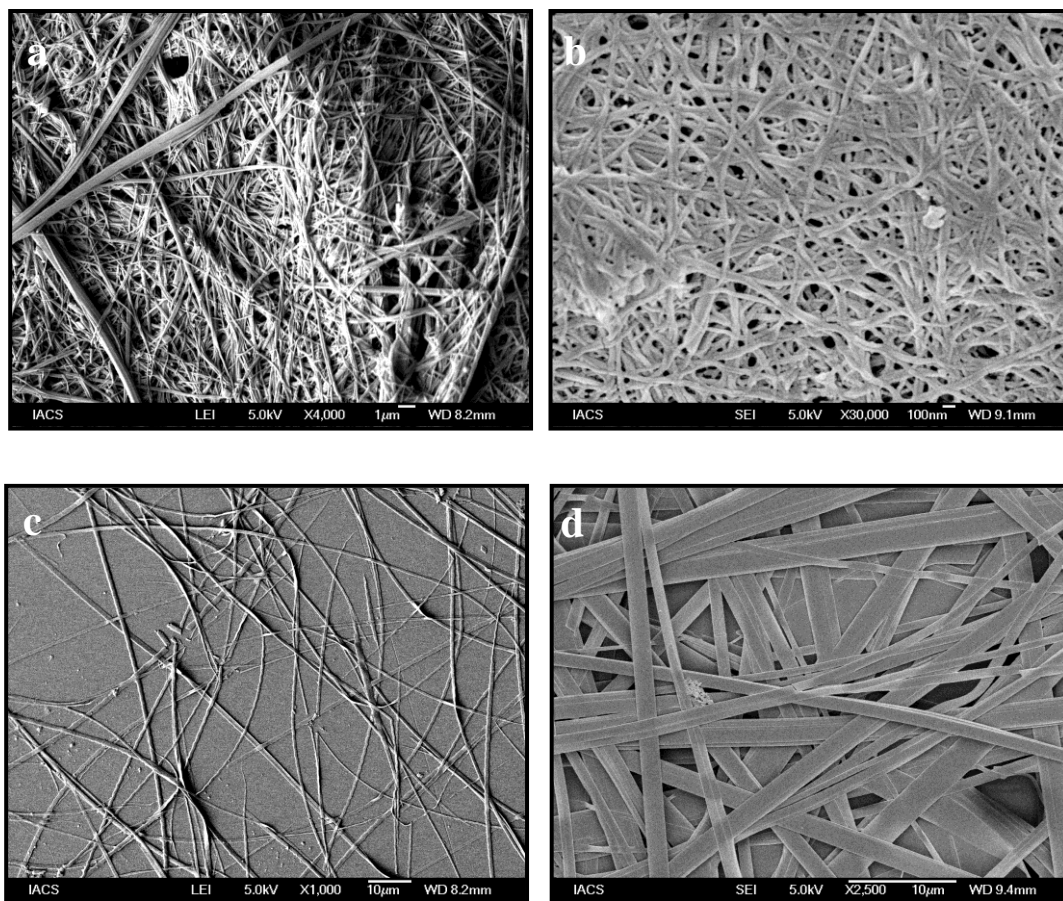
### **Removal of Toxic Dyes from Aqueous Medium Using Adenine Based Bicomponent Hydrogel**

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**Fig. S1.** (a) Optical image, (b) optical image under polarized light and (c) fluorescence image of dried gel under excitation at 380 nm [ADN:tpca=1:1, (0.57 % w/v), a slice of gel was cast on a glass slide and dried under air prior to taking image].



**Fig. S2.** FE-SEM images of (a) ADN/tpca1:3, (b) ADN/tpca 3:1 dried gel, and (c) ADN/bpca1:3, (d) ADN/bpca 3:1 dried gel.