

Supporting information

Article

Fabrication of Water Absorbing Nanofiber Meshes toward an Efficient Removal of Excess Water from Kidney Failure Patients

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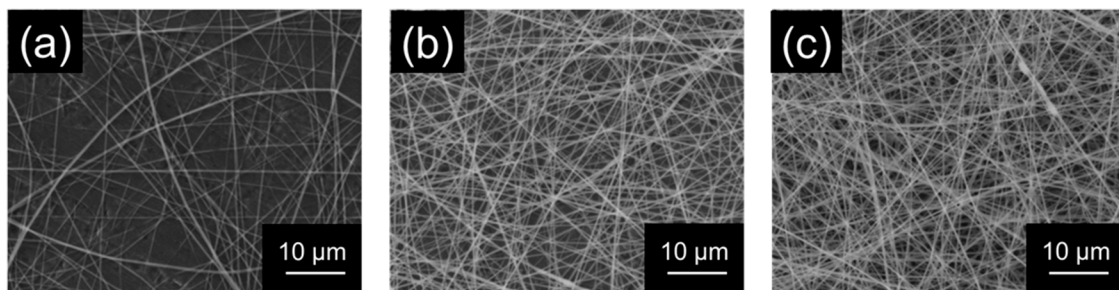


Figure S1. SEM images of the PVP nanofibers. (a) 10 kV; (b) 15 kV; (c) 20 kV.

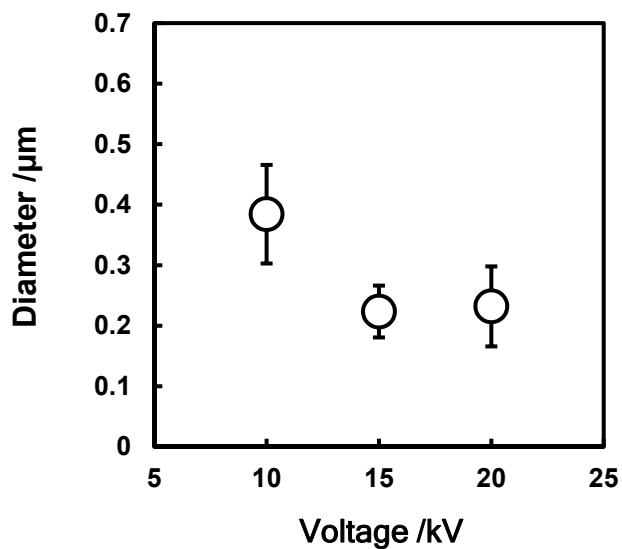


Figure S2. PVP fiber diameter dependence on electrospinning voltage.

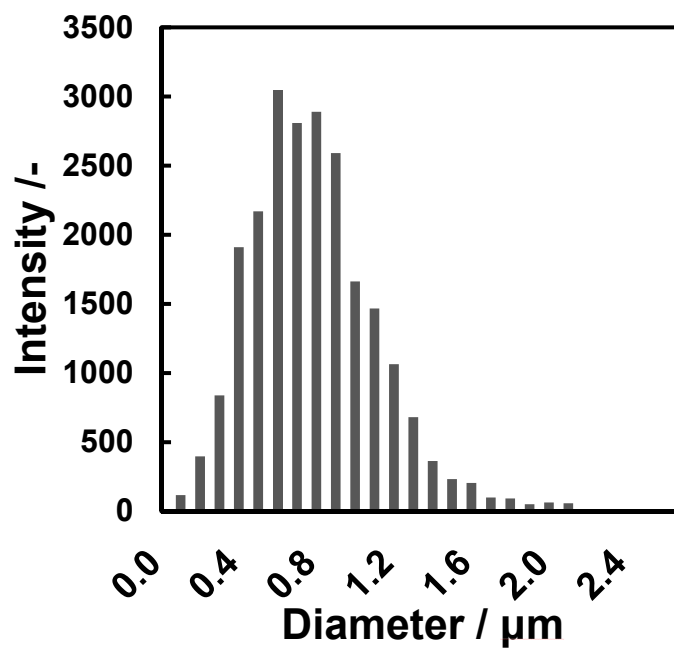


Figure S3. Histogram of PAA nanofiber diameters.

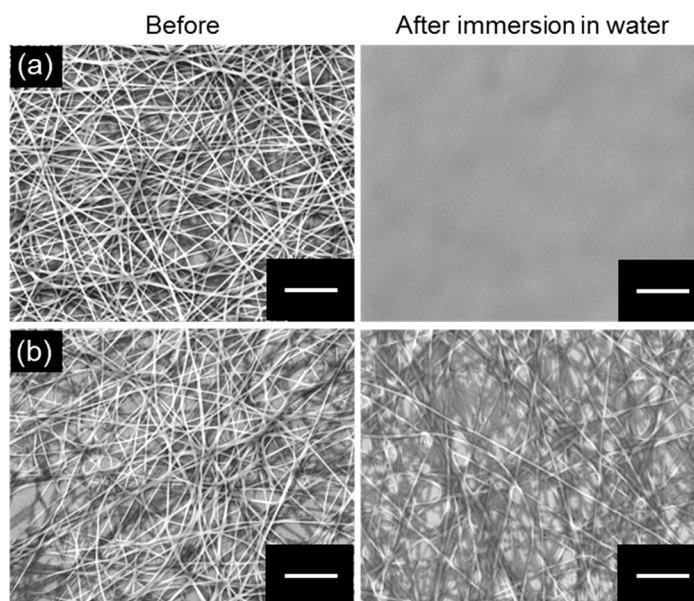


Figure S4. SEM images of the PAA nanofibers (a) without (b) with heat treatment. Scale bar: 10 μm .

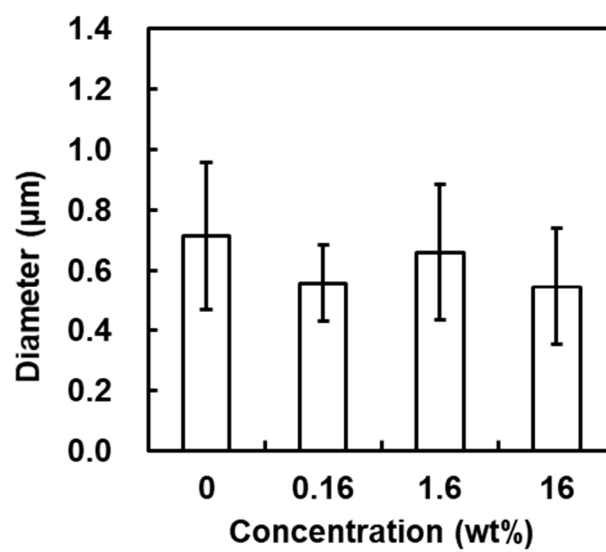


Figure S5. Effect of concentration of crosslinking agent on the fiber diameter.

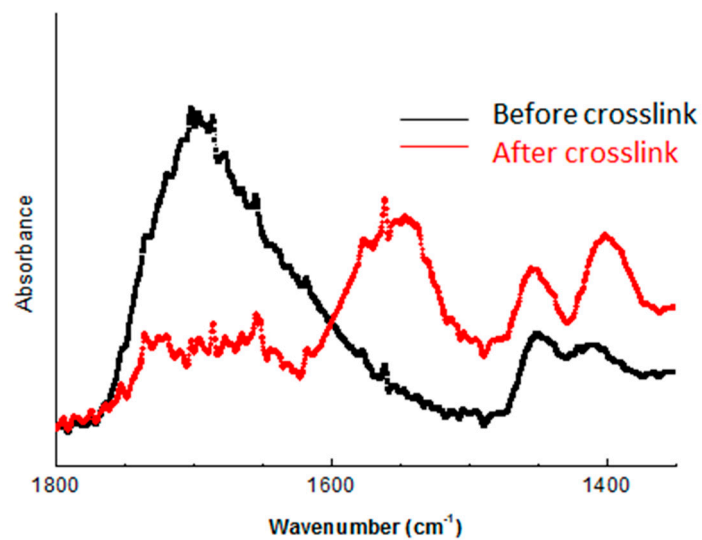


Figure S6. ATR-FTIR spectra of PSA nanofiber mesh before and after crosslinking reaction.



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