

Supplementary information

Inflammation-sensitive *in situ* smart scaffolding for regenerative medicine

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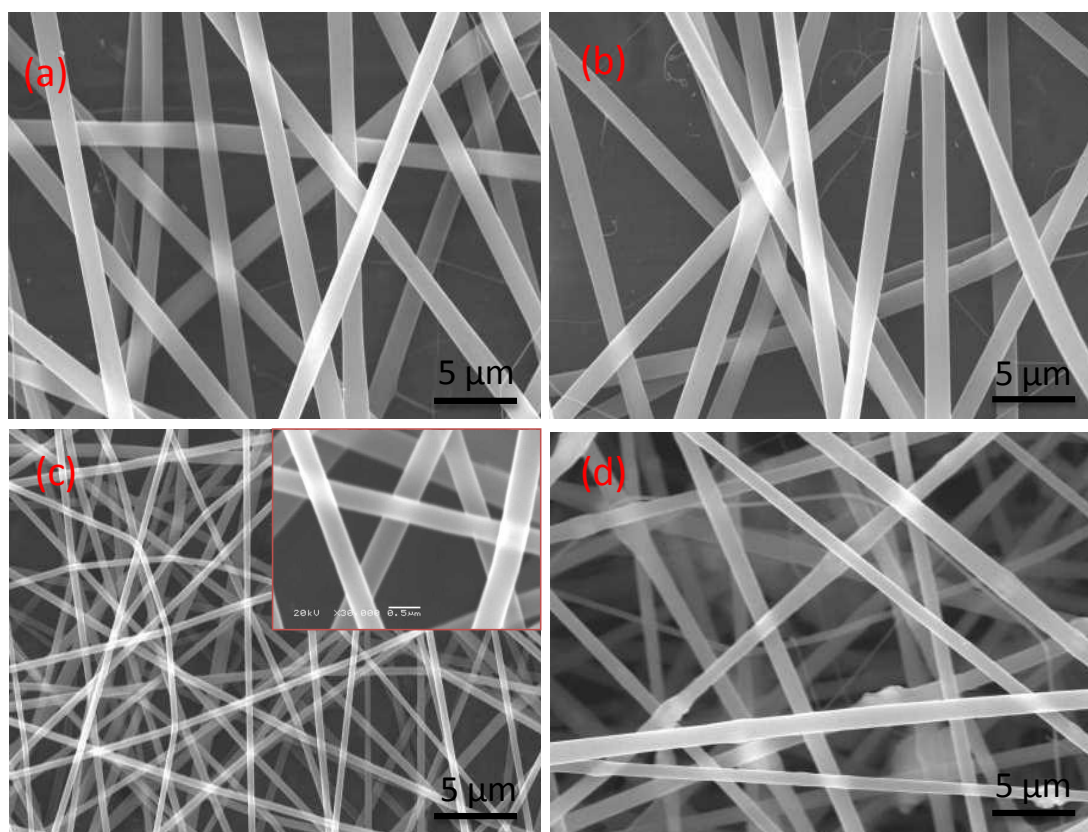


Fig. S1. SEM images of fibers electrospun from the PNIPAm solution having different concentrations of (a) 18, (b) 20, (c) 22 and (d) 24 wt%. In inset the fibers with thinnest diameter is shown at higher resolution. The optimum concentration to obtain fiber with thinnest diameter is 22 wt%. Scale bar 5 μm .

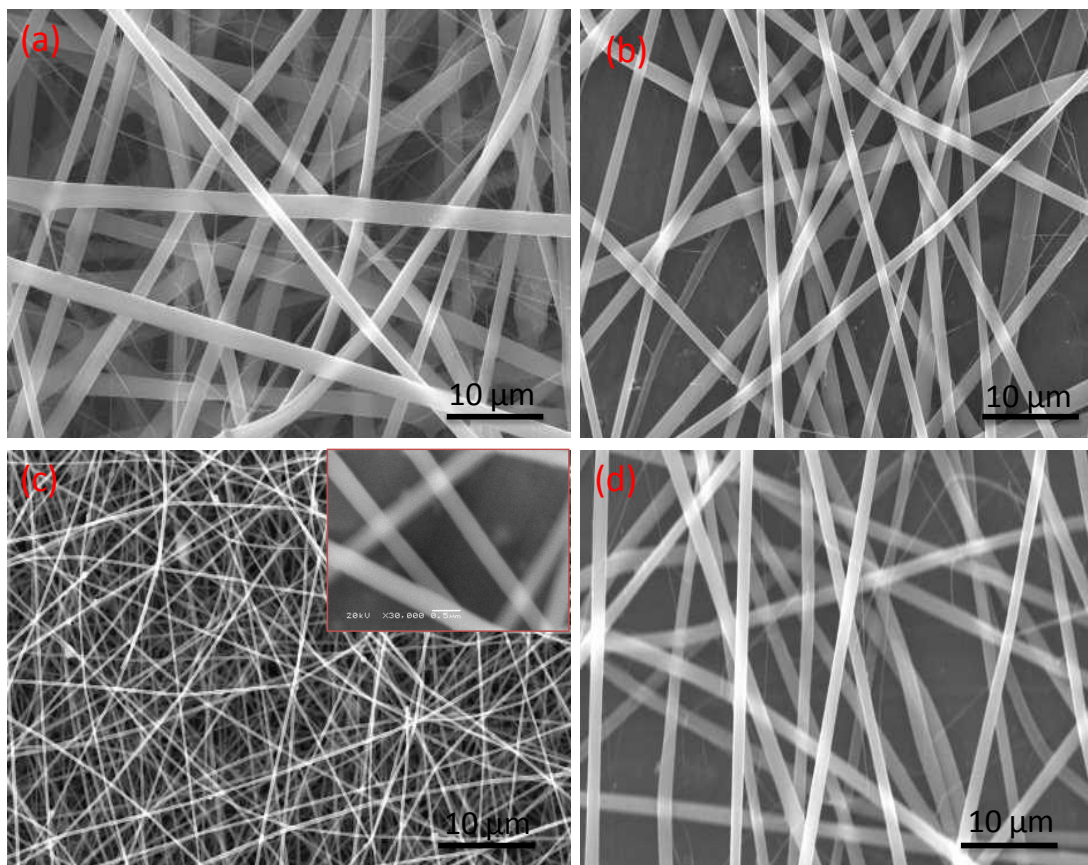


Fig. S2. SEM images of fibers electrospun from the PANI-CNT composite solution having different concentrations of (a) 18, (b) 20, (c) 22 and (d) 24 wt%. In inset the fibers with thinnest diameter is shown at higher resolution. The optimum concentration to obtain fiber with thinnest diameter is 22 wt%. Scale bar 10 μm .

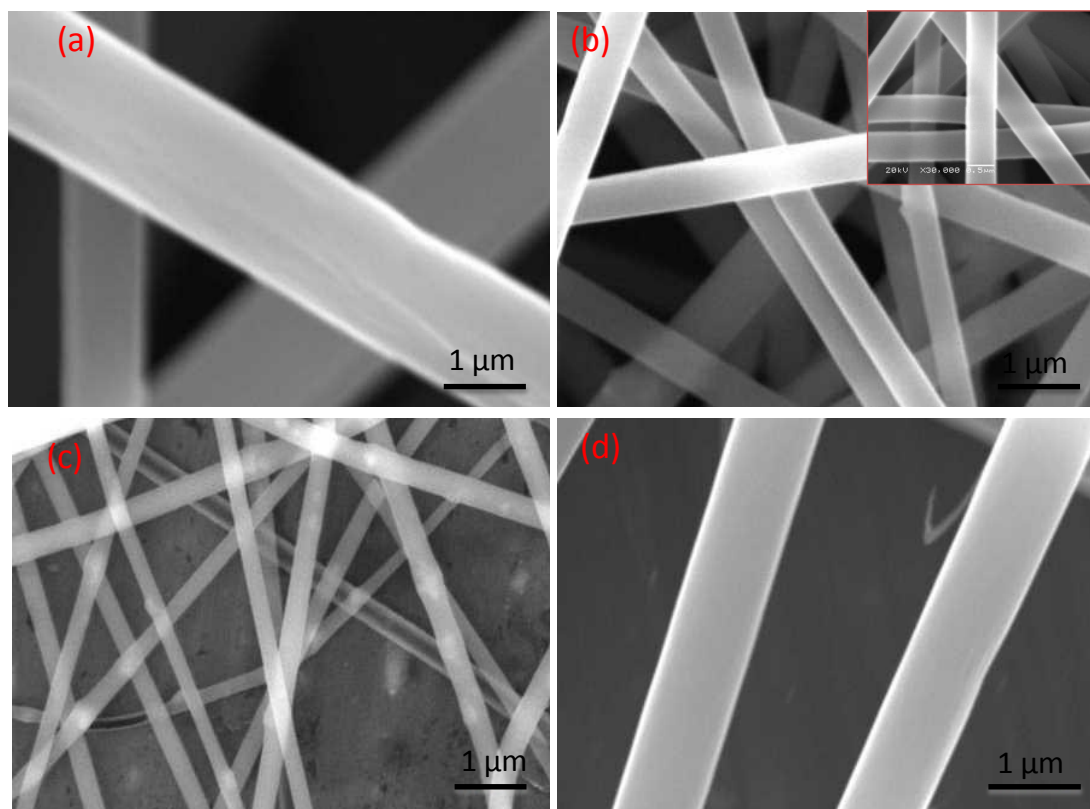


Fig. S3. SEM images of fibers electrospun from the PANI-CNT/PNIPAm hybrid composite solution having different concentrations of (a) 18, (b) 20, (c) 22 and (d) 24 wt%. In inset the fibers with thinnest diameter is shown at higher resolution. The optimum concentration to obtain fiber with thinnest diameter is 20 wt%. Scale bar 1 μm.

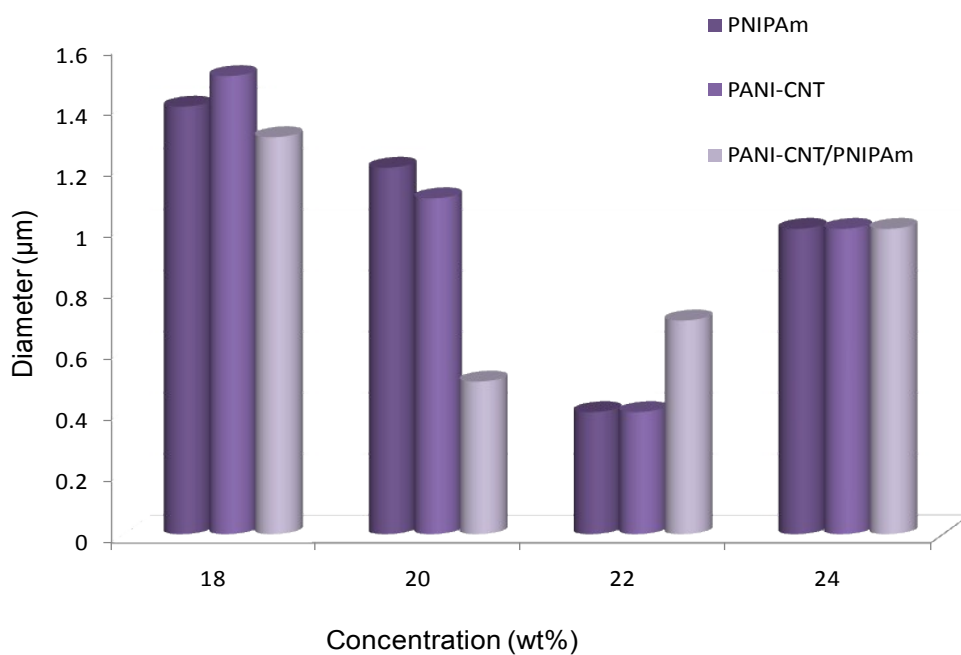


Fig. S4. Histogram indicating the diameter of the different polymeric nanofibers at different concentrations.