Supporting information

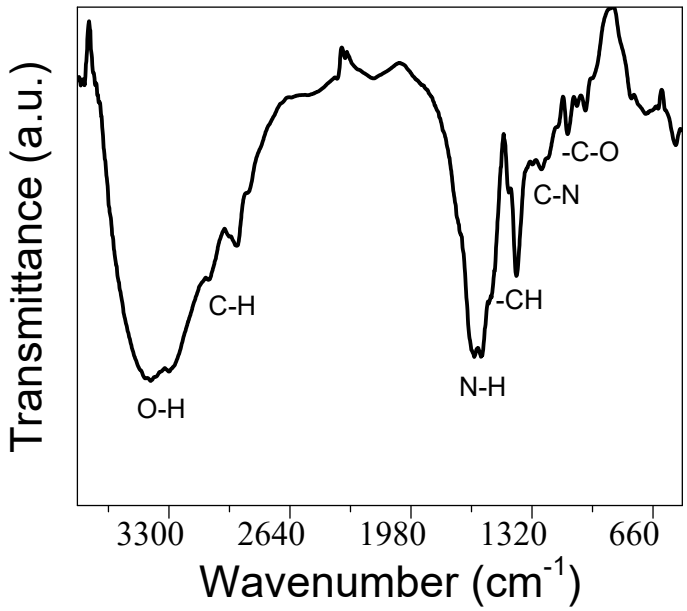


Figure S1. FT-IR spectra of γ-PGA.

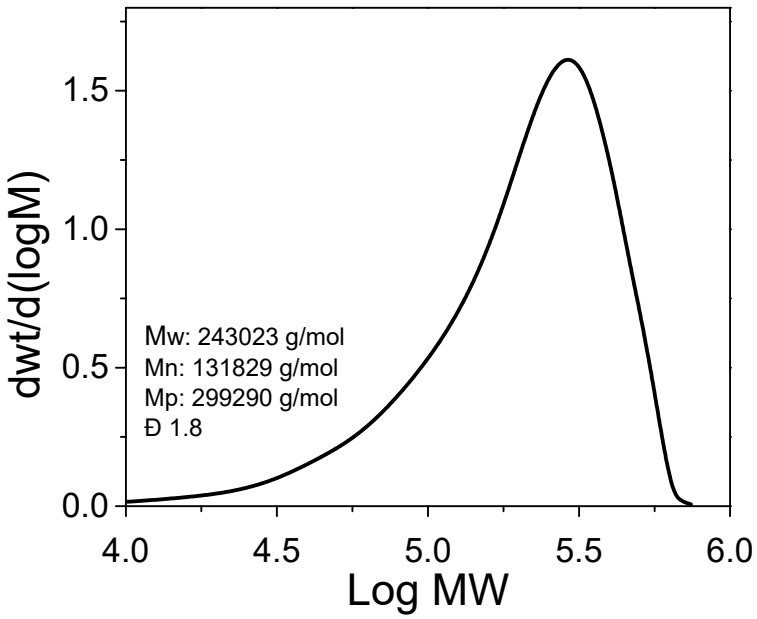
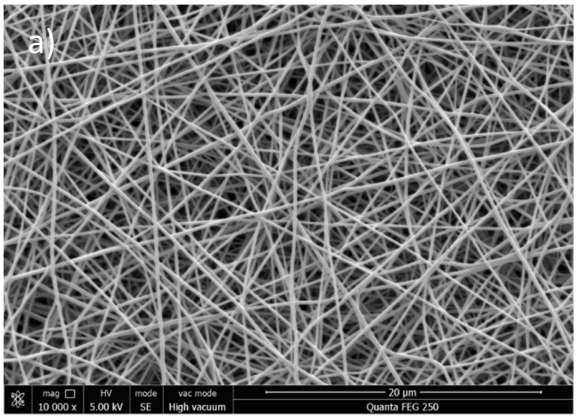


Figure S2. GPC Chromatogram of γ-PGA.



b)

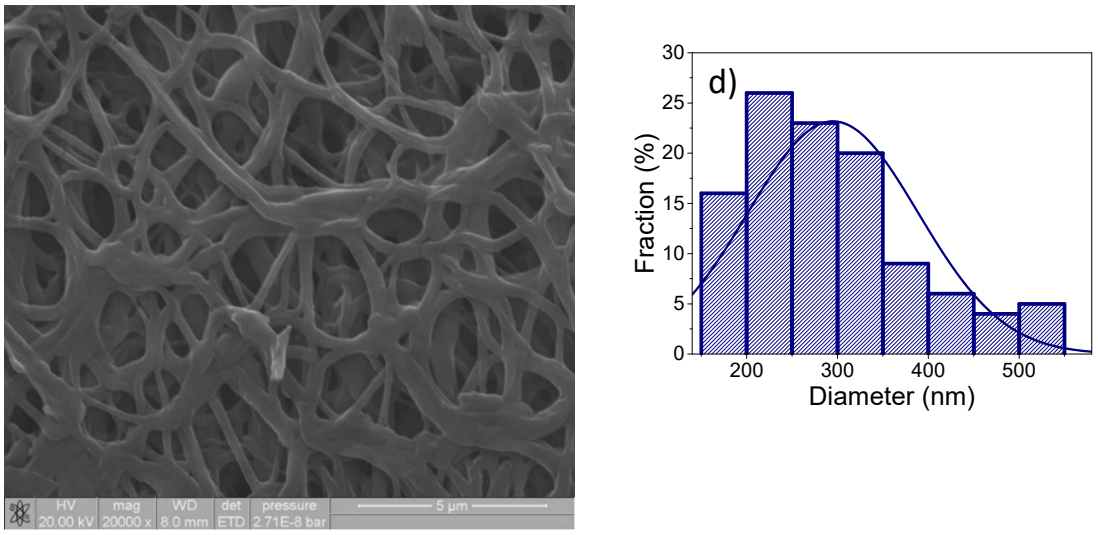
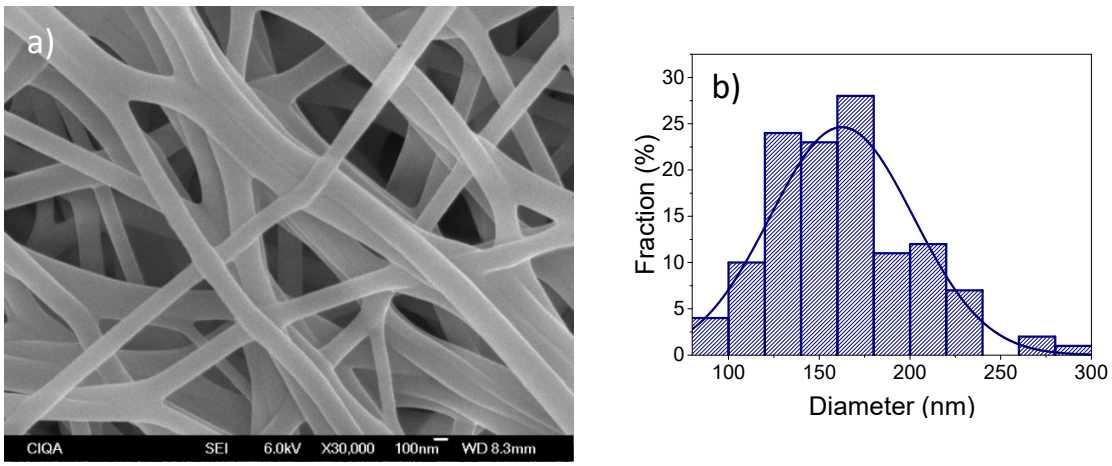


Figure S3. SEM micrographs of The PVA nanofiber, obtains by electrospun with and without crosslinking (a) and c), respectively. Diameter size distribution for nanofiber with and without crosslinking (b), d), respectively.



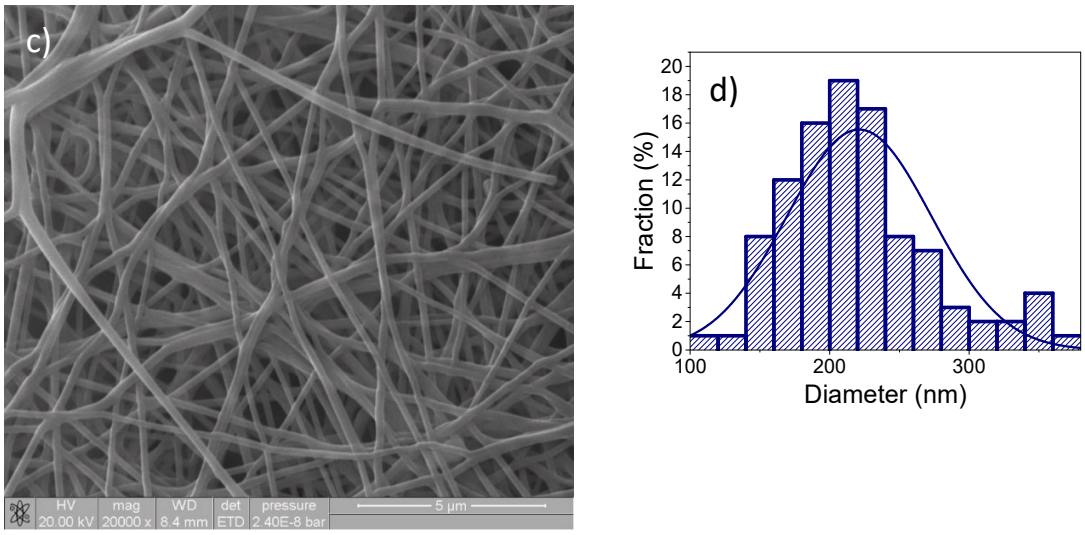


Figure S4. SEM micrographs of The PVA/γ-PGA, 5 % nanofiber, obtains by electrospun with and without crosslinking (a) and c), respectively. Diameter size distribution for nanofiber with and without crosslinking (b), d), respectively.

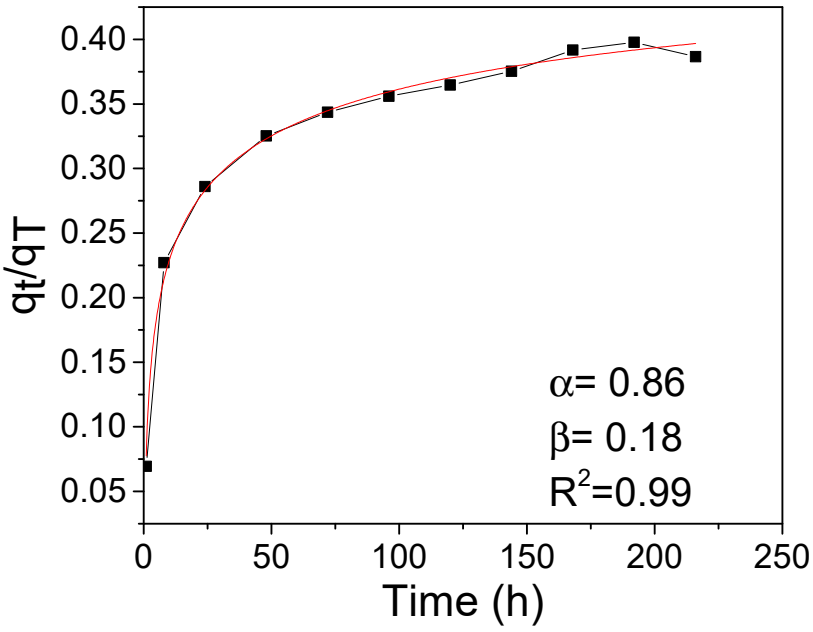


Figure s5. Weibull model for PVA.

Table S1. Average pore size for PVA, PVA/γ-PGA 5% and PVA/γ-PGA 10 %.

Sample	Average (nm)
PVA/γ-PGA 10	299 ± 118
PVA/γ-PGA 5	439 ± 168
PVA	723 ± 244