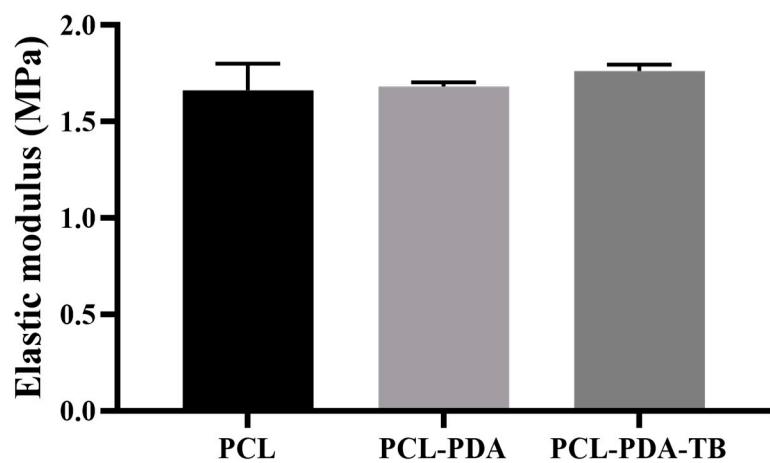
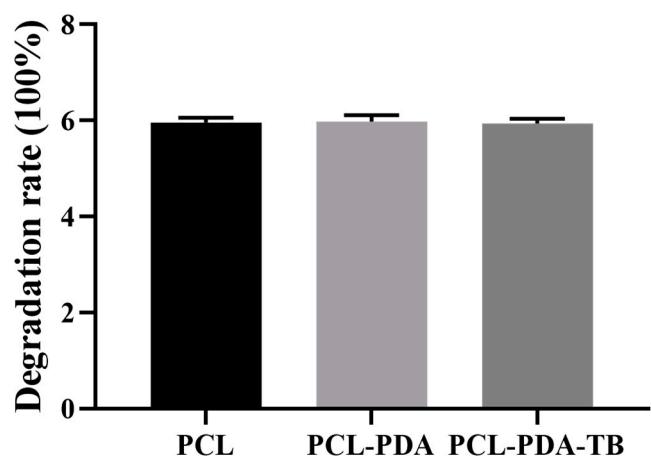


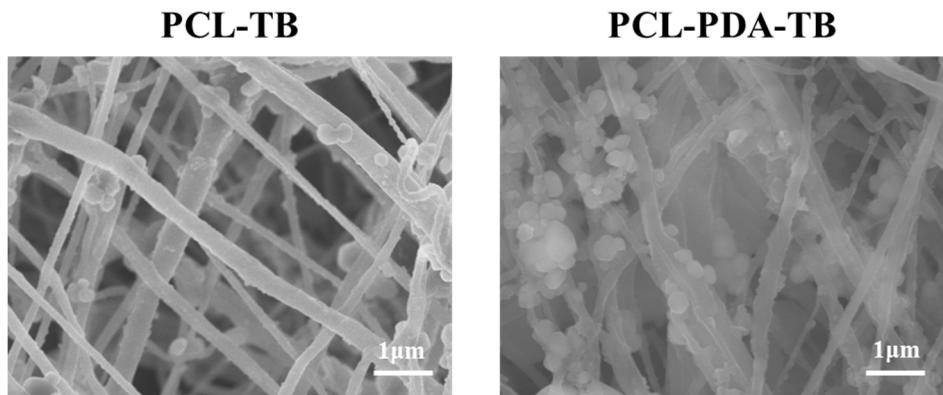
## Supplementary Materials



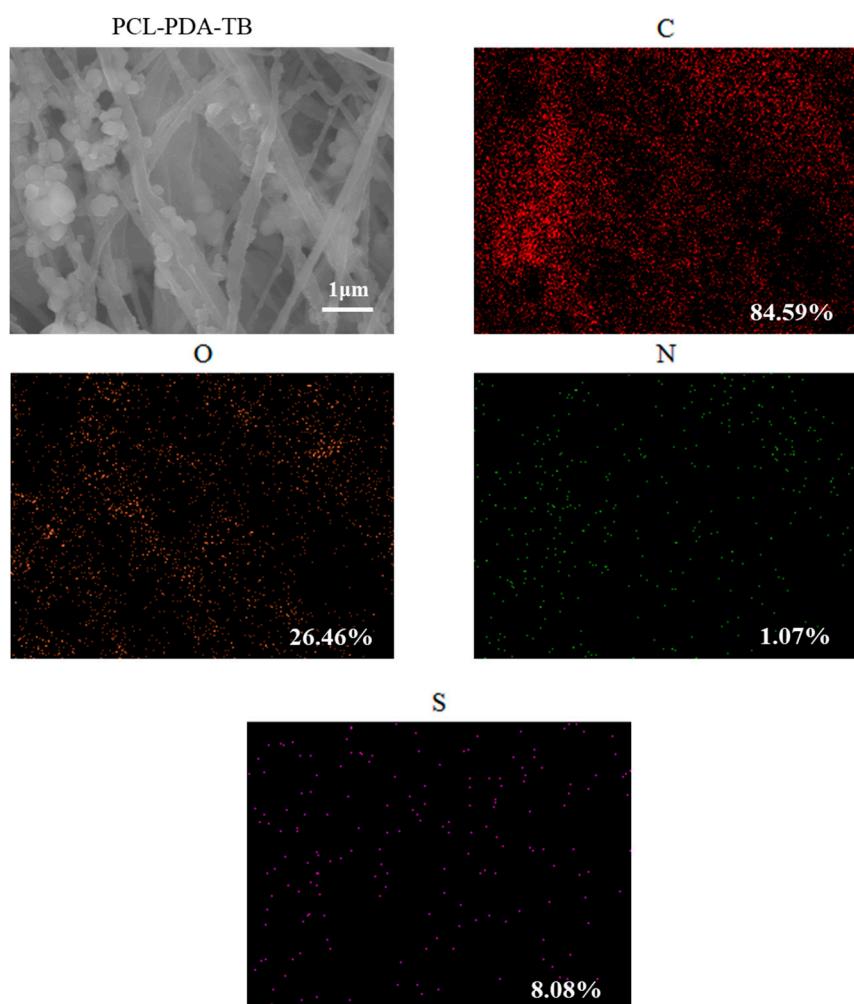
**Figure S1.** Elastic modulus of PCL, PCL-PDA and PCL-PDA-TB fibrous membranes.(n=3)



**Figure S2.** Degradation rate of PCL, PCL-PDA and PCL-PDA-TB fibrous membranes.(n=3)



**Figure S3.** SEM images of Thrombin loaded onto PCL and PCL-PDA fibrous membranes.



**Figure S4.** SEM and EDS elemental mapping images of PCL-PDA-TB fibrous membranes.