

SUPPORTING INFORMATIONS

Figure S 1 Images of the obtained samples at different electrospaying conditions, with 22G Needle

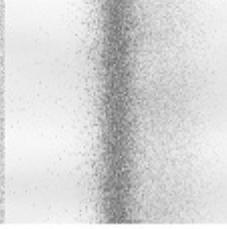
Needle 22G	2,0 ml/h	1,0 ml/h	0,5 ml/h
18 kV			
15 kV			
10 kV			

Figure S 2 Images of the obtained samples at different electrospinning conditions, with 20G Needle

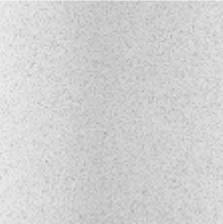
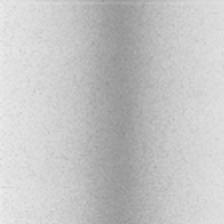
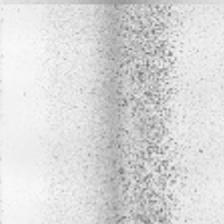
Needle 20G	2,0 ml/h	1,0 ml/h	0,5 ml/h
18 kV			
15 kV			
10 kV			

Figure S 3 Absorption spectra of TPU solution and Sodium dodecyl sulfate solutions

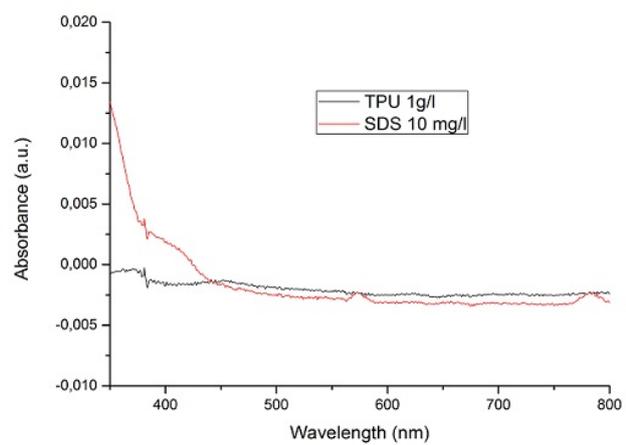


Figure S 4. Non-homogeneous distribution of MWCNTs on the membrane obtained by incident approach

