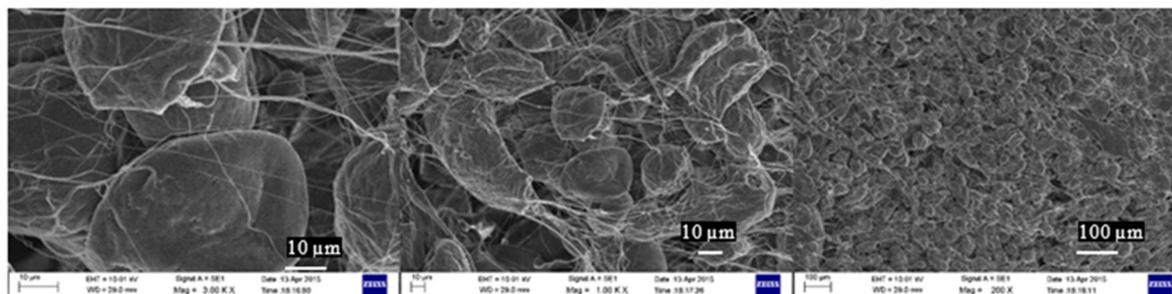
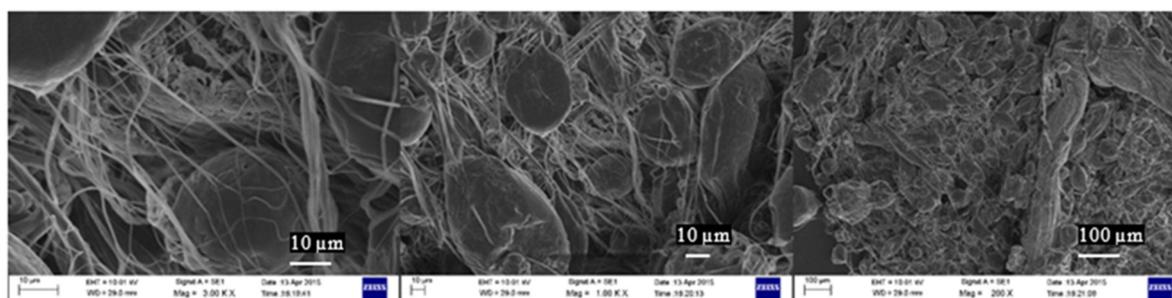


## Supplementary Information

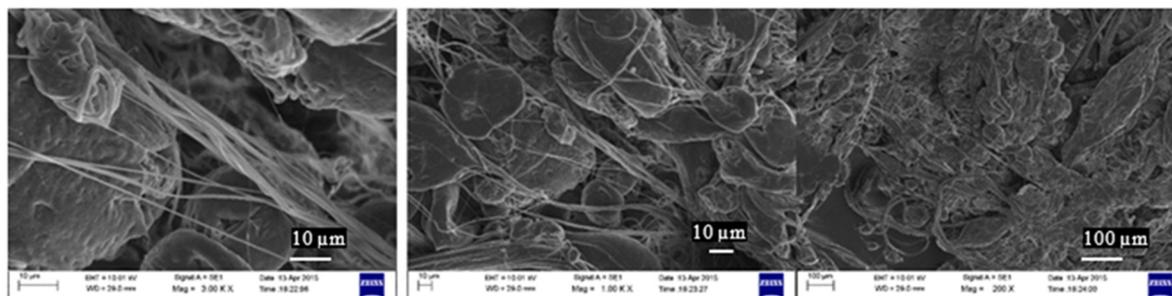
### 3000 rpm



### 4000 rpm



### 5000 rpm



### 6000 rpm

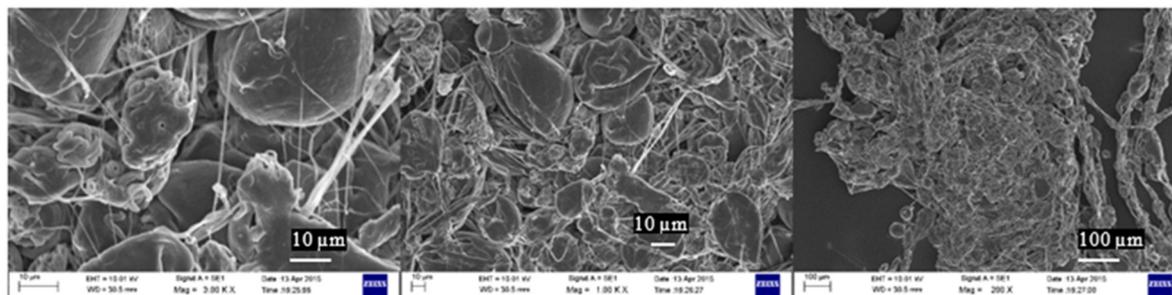
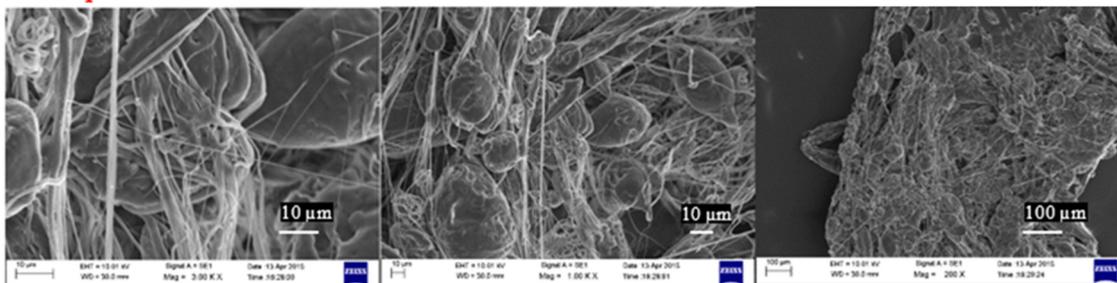
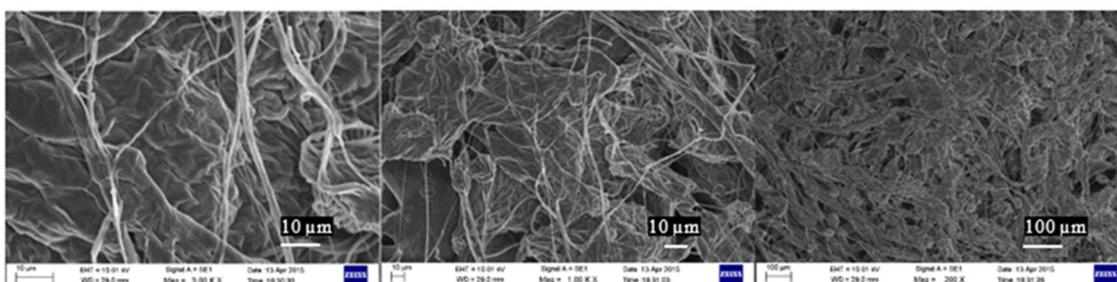


Figure S1. Cont.

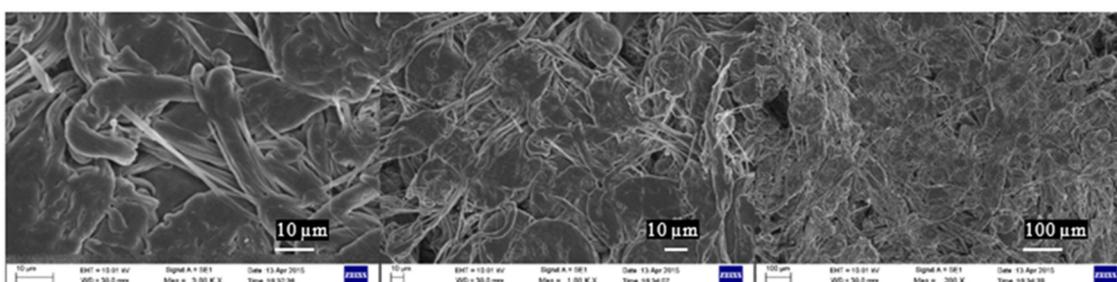
7000 rpm



8000 rpm



9000 rpm



10000 rpm

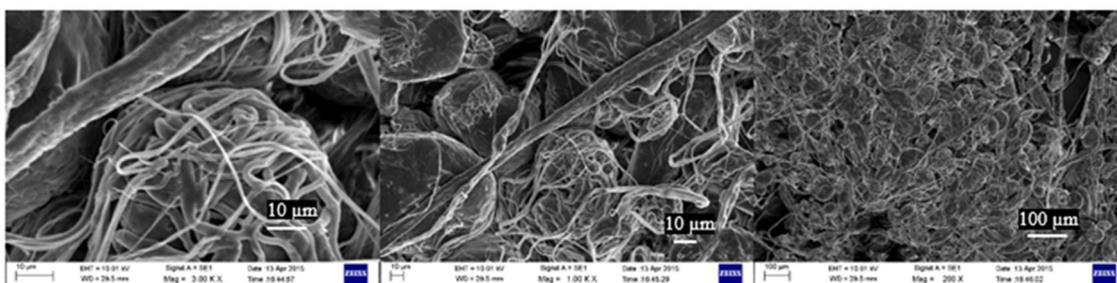


Figure S1. SEM images show the fiber formed at 7.5 wt% of PCL concentrations with the solvent mixture ratio of 50:50 (DMF:THF) at different rotational speeds.



Figure S2. Cont.

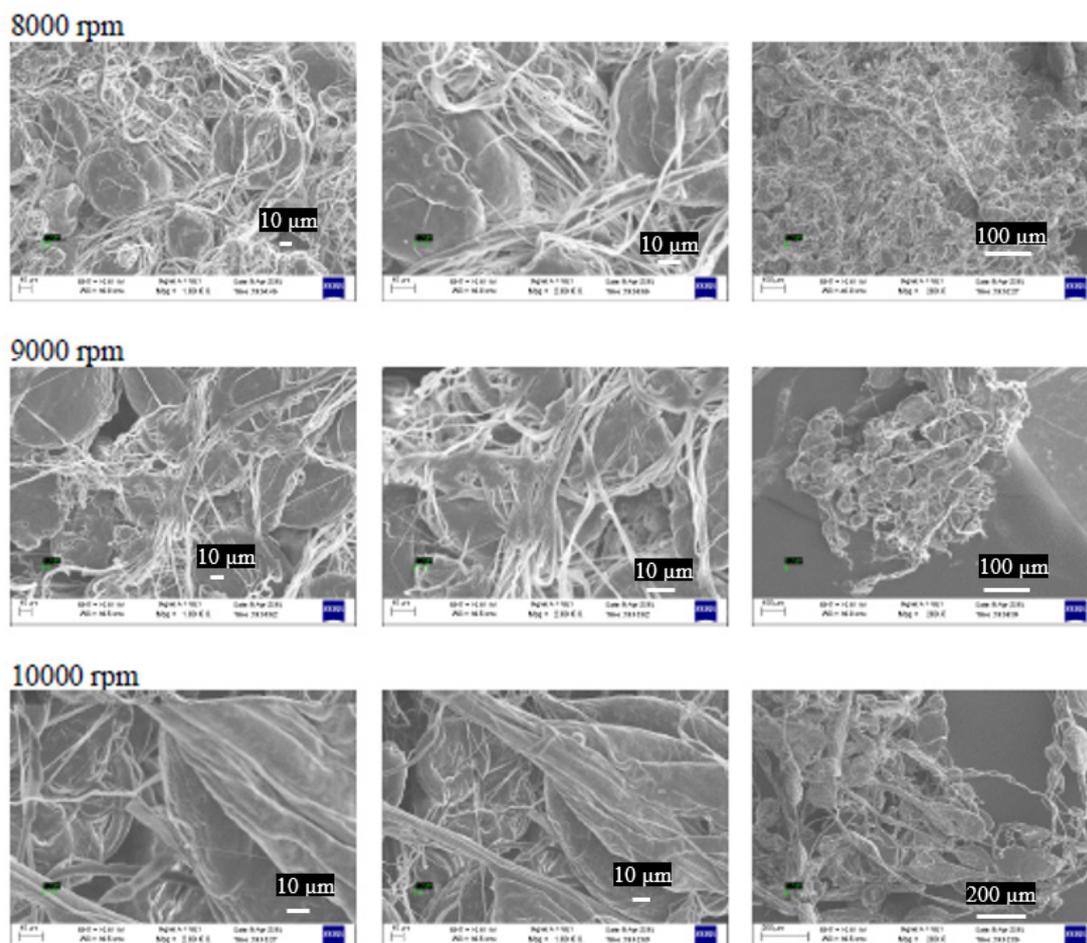
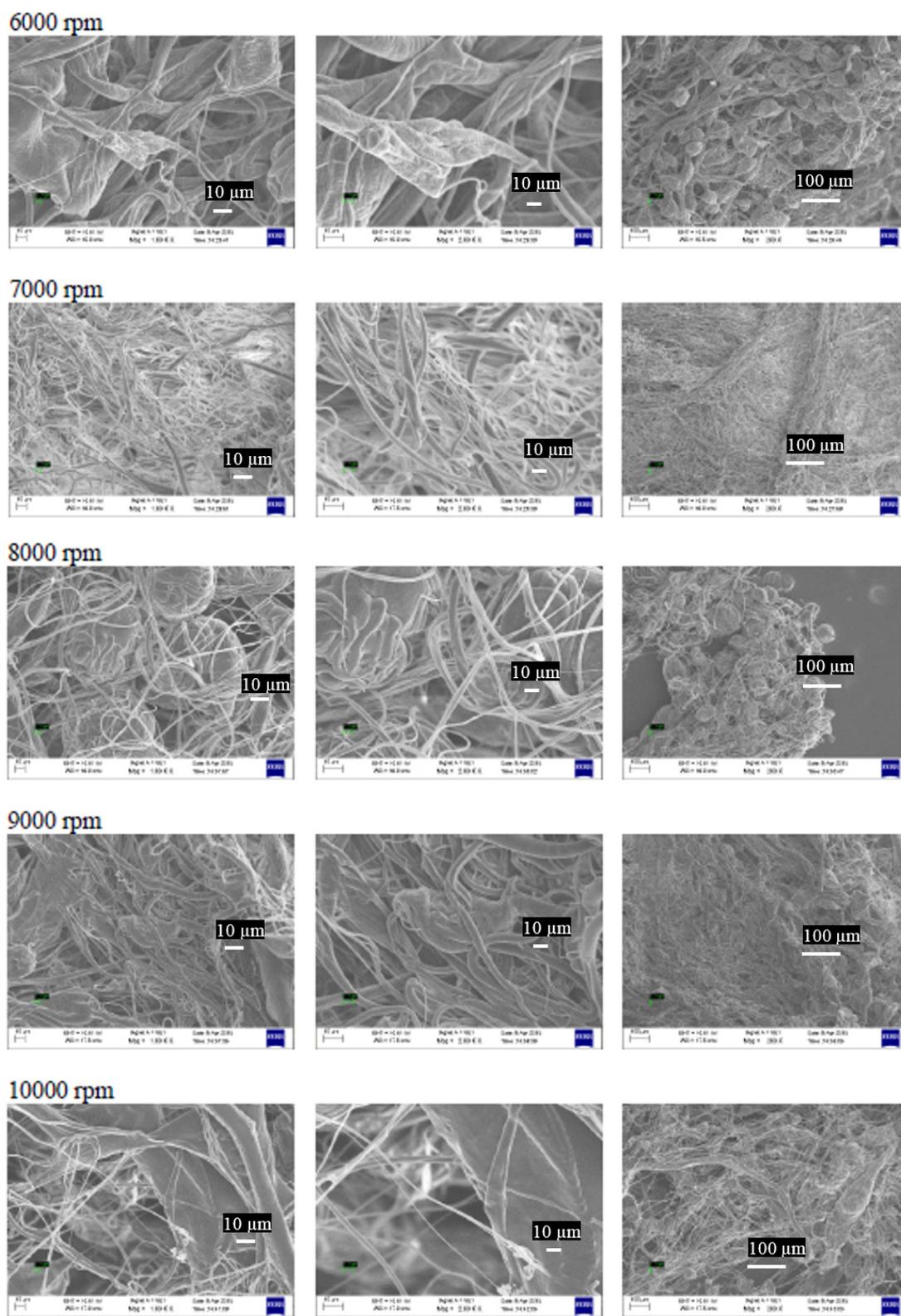


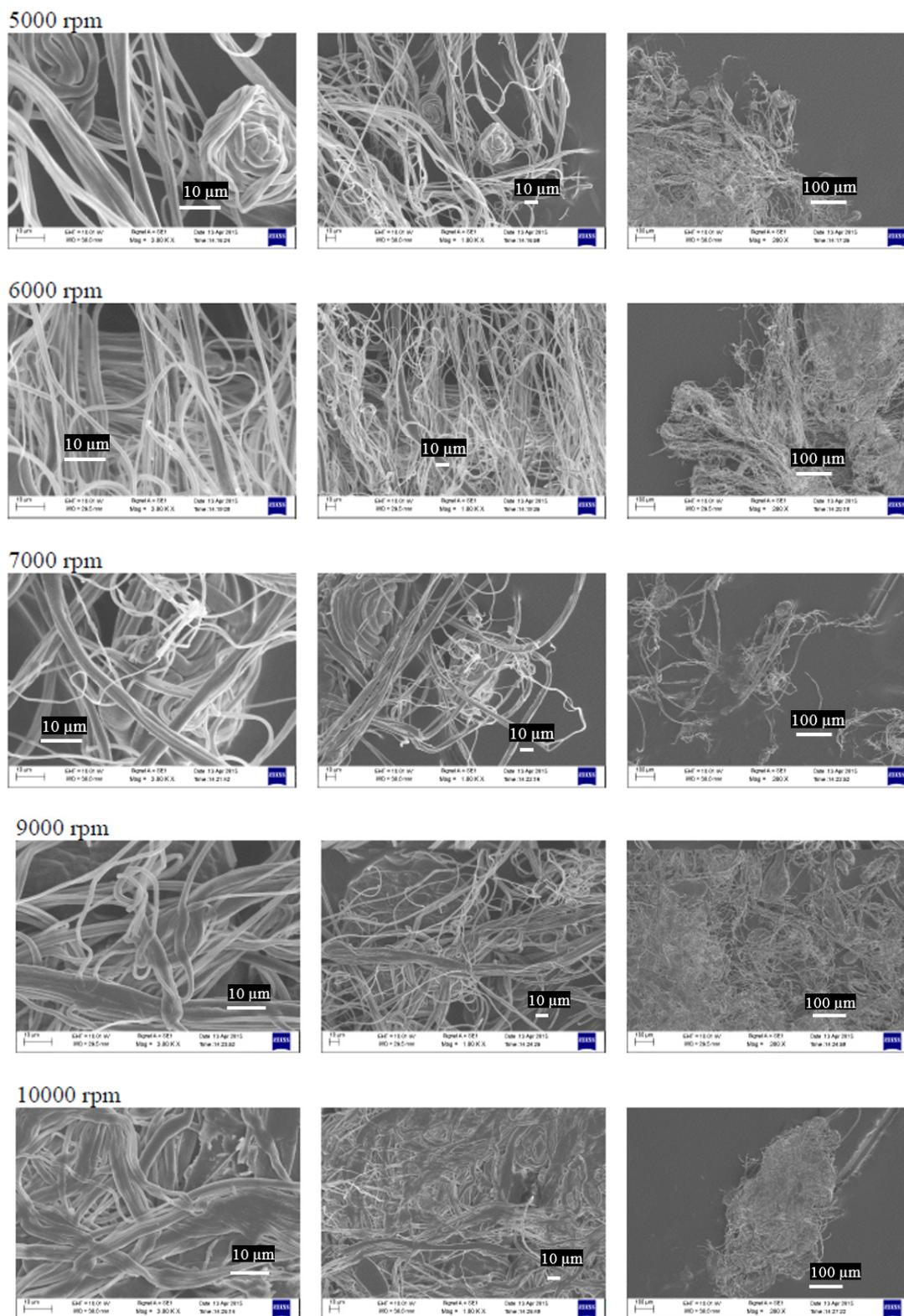
Figure S2. SEM images of fibers formed at 10 wt% of PCL concentrations with the solvent mixture ratio of 50:50 (DMF:THF) at different rotational speeds.

Table S1. The effect of polymer concentration and rotational speed in fiber formation in 50:50 solvent ratio of DMF:THF.

	1000 rpm	2000 rpm	3000 rpm	4000 rpm	5000 rpm	6000 rpm	7000 rpm	8000 rpm	9000 rpm	10000 rpm
PCL 7.5 wt%	No Fibers	No Fibers	Beads Some Fibers							
PCL 10 wt%	No Fibers	No Fibers	Beads Some Fibers							
PCL 12.5 wt%	No Fibers	No Fibers	Beads Some Fibers	Fibers	Fibers	Fibers	Fibers	Fibers	Some Fibers	Some Fibers
PCL 15 wt%	Some Fibers	No Fibers	No Fibers	No Fibers	No Fibers	Beads Some Fibers	Fibers	Beads Some Fibers	Beads Some Fibers	Beads Some Fibers
PCL 17.5 wt%	No Fibers	No Fibers	No Fibers	No Fibers	Beads Some Fibers	No Fibers	Beads Some Fibers	No Fibers	Beads Some Fibers	Beads Some Fibers

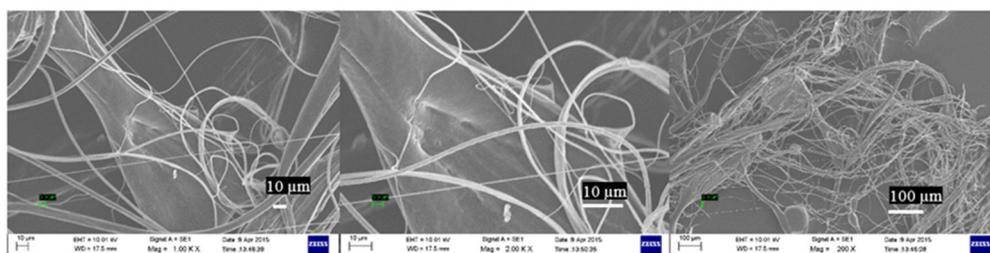


**Figure S3.** SEM images fiber formed at 15 wt% PCL concentrations with the solvent mixture ratio of 50:50 (DMF:THF) at different rotational speeds.

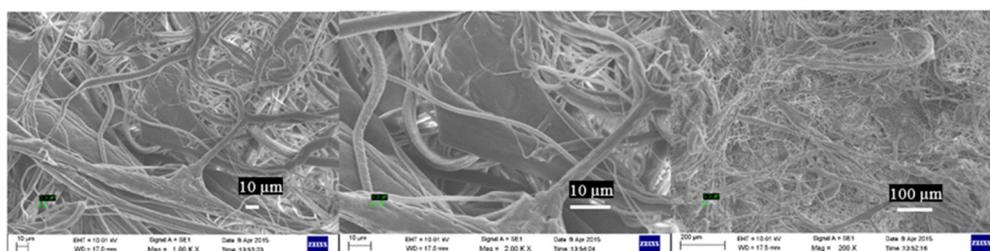


**Figure S4.** SEM images of fibers formed at 17.5 wt% of PCL concentrations with the solvent mixture ratio of 50:50 (DMF:THF) at different rotational speeds.

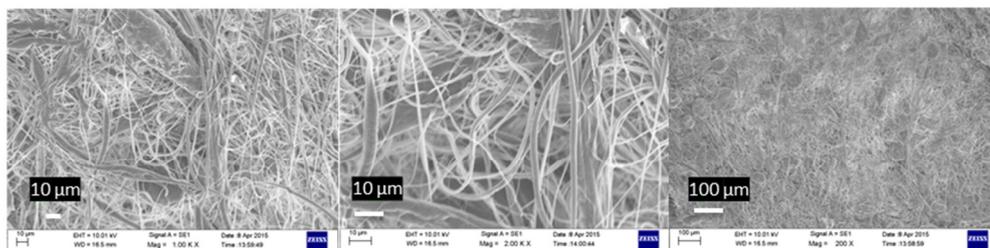
3000 rpm



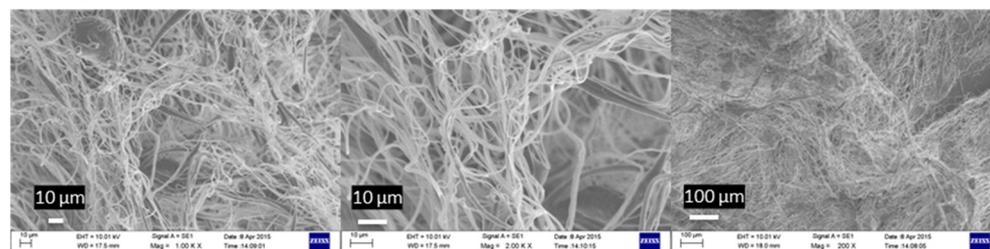
4000 rpm



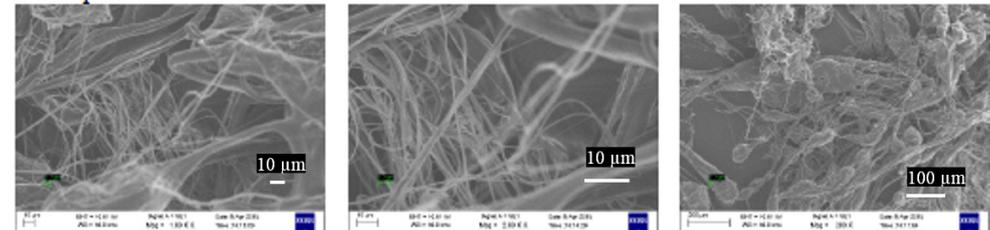
6000 rpm



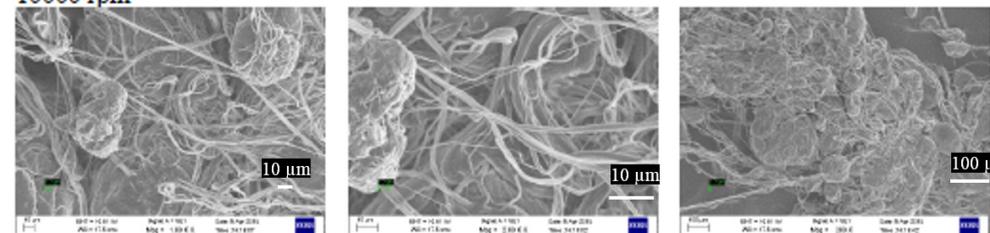
8000 rpm



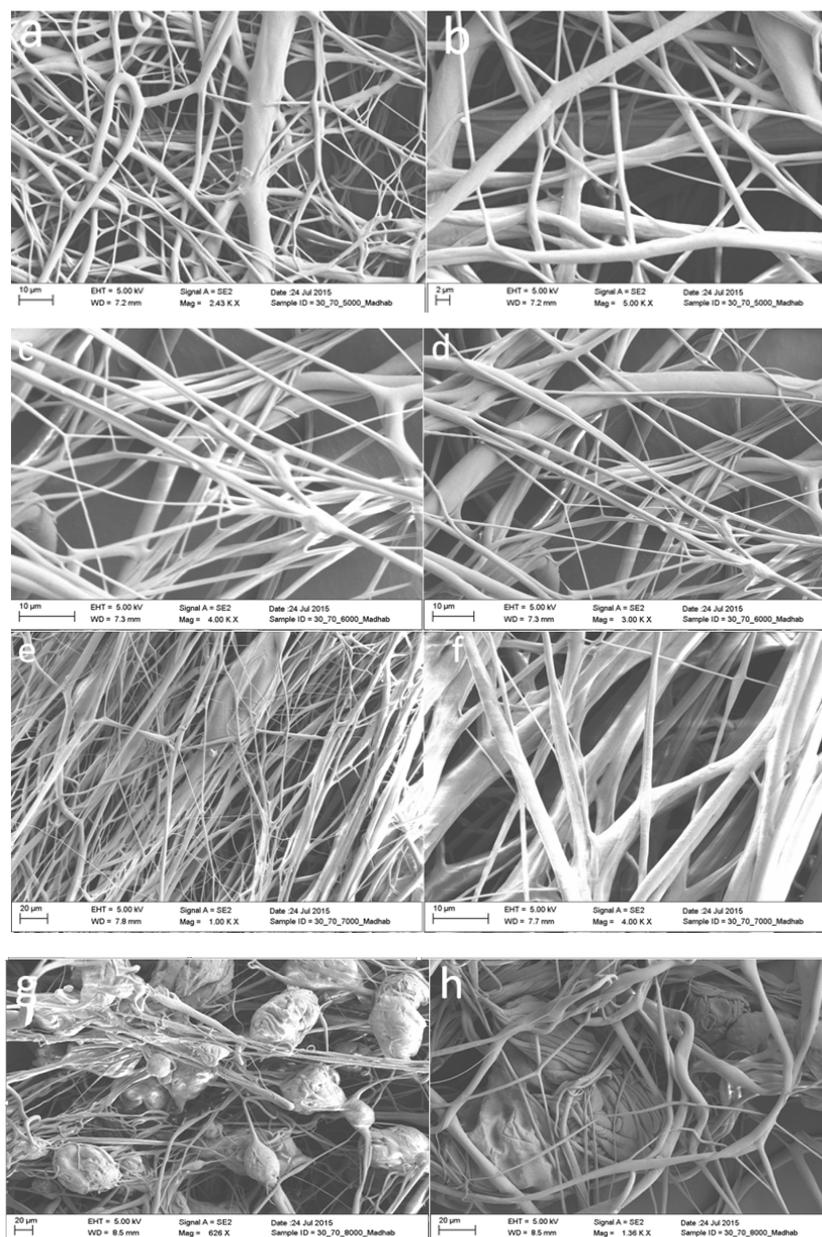
9000 rpm



10000 rpm



**Figure S5.** SEM images of fibers formed at 12.5 wt% of PCL concentrations with the solvent mixture ratio of 50:50 (DMF:THF) at different rotational speeds.



**Figure S6.** SEM images of PCL fibers at solvent 30:70 of DMF:THF at rotational speeds; (a,b) 5000 rpm, (c,d) 6000 rpm; (e,f) 7000rpm; (g,h) 8000 rpm.

**Table S2.** A summary for the fiber formation at different PCL solution concentrations and rotational speeds.

	5000 rpm	6000 rpm	7000 rpm	8000 rpm
PCL 12.5 wt% (40:60 DMF:THF)	Fibers	Fibers	Fibers	Fibers
PCL 12.5 wt% (30:70 DMF:THF)	Fibers	Fibers	Fibers	Beads Some Fibers
PCL 12.5 wt% (THF)	Fibers	Fibers	Fibers	Fibers

