Supplementary Materials

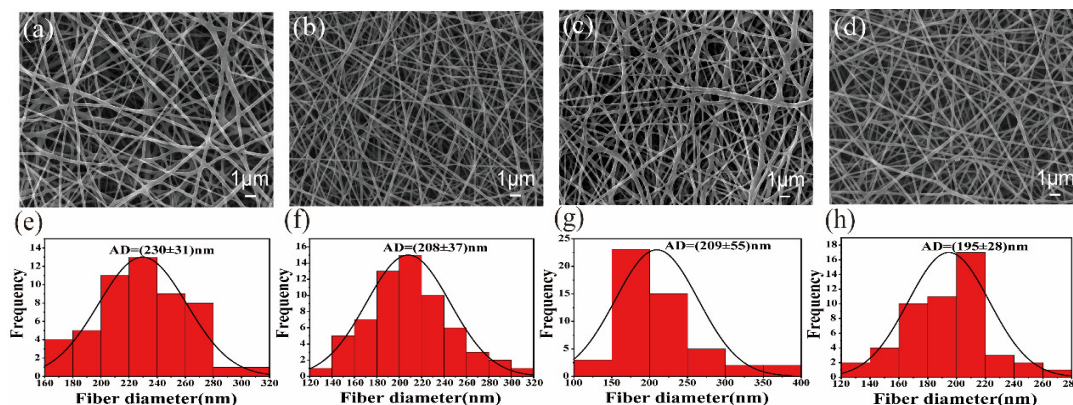**Figures**

Figure S1. (**a–d**) SEM images and (**e–h**) corresponding diameter distribution of different coaxial nanofibers after the glutaraldehyde crosslinking; (**a,e**) PCL/GEL, (**b,f**) PCL-CUR/GEL, (**c,g**) PCL/GEL-TH, (**d,h**) PCL-CUR/GEL-TH.
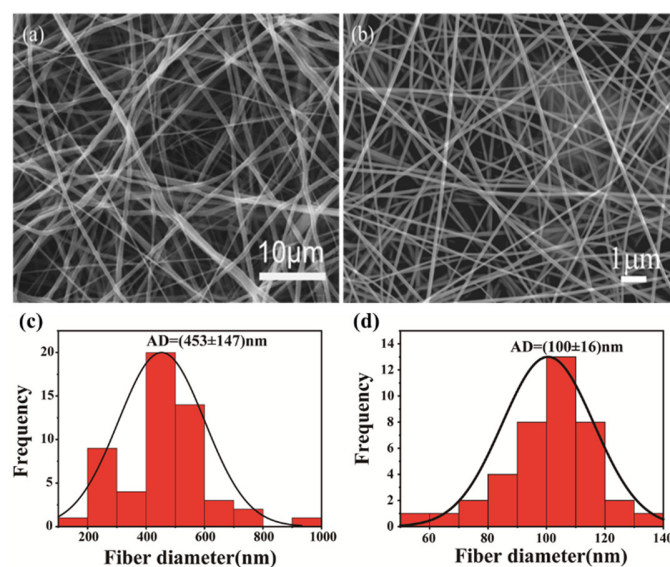

Figure S2. (**a,b**) SEM images and (**c,d**) corresponding diameter distribution of (**a,c**) single PCL and (**b,d**) GEL nanofiber mats.
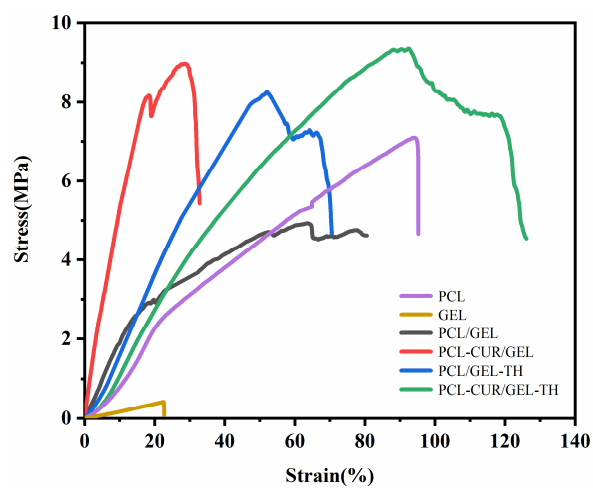
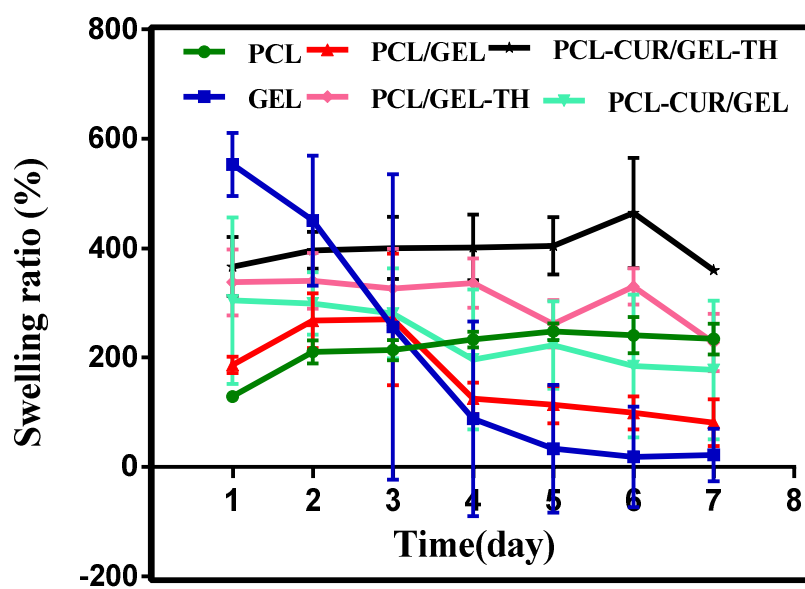**Figure S3**. Stress-strain curve of different nanofiber mats in swollen conditions.

Figure S4. Swelling ratio of different nanofiber mats for 7days.
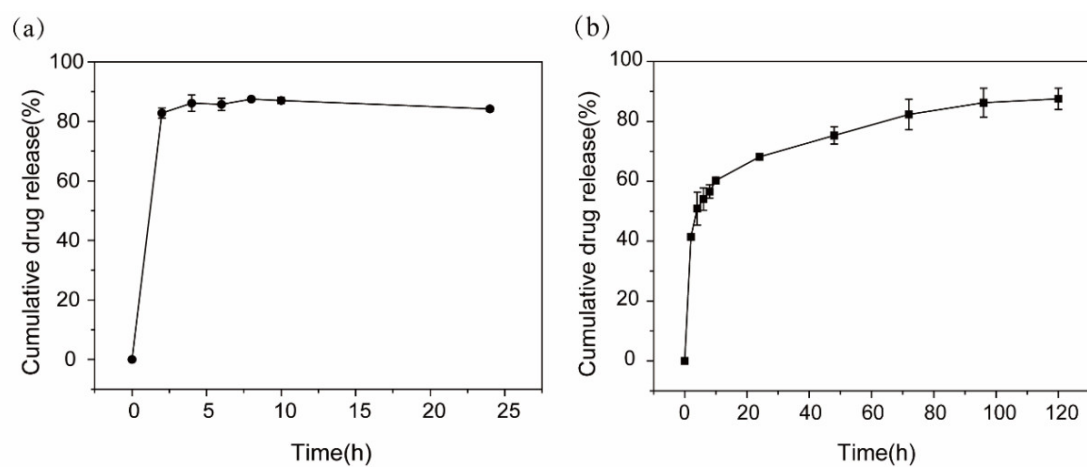
Figure S5. In vitro release profiles of drugs at different time, (**a**) TH; (**b**) Cur.

Tables

Table S1. The wavenumber of the main bands for different samples.

Samples	Wavenumber (cm^{-1})	Functional Group
PCL	1240, 1165	C-O-C
	1725	-C=O
GEL	1647	Amide I
	1548	Amide II
	2949, 2865	-CH$_2$
Cur	1430	C-H
	1510	-C-C
	1600	-C=O
	1277	C-O
	3510	Phenolic hydroxyl group
TH	1613	-C=O
	1579	NH$_2$
PCL/GEL	1240, 1165	C-O-C
	1725	-C=O
	1647	Amide I
	1548	Amide II
	2949, 2865	-CH$_2$
PCL-CUR/GEL	1240, 1165	C-O-C
	1725	-C=O
	1647	Amide I
	1548	Amide II
	2949, 2865	-CH$_2$
PCL/GEL-TH	1240, 1165	C-O-C
	1725	-C=O
	1647	Amide I
	1548	Amide II
	2949, 2865	-CH$_2$
PCL-CUR/GEL-TH	1240, 1165	C-O-C
	1725	-C=O
	1647	Amide I
	1548	Amide II
	2949, 2865	-CH$_2$

Table S2. The mechanical parameters of different samples.

Samples	Tensile Strength （MPa）	Elongation at Break （%）	Elastic Modulus (MPa)
GEL	5.59 ± 0.74	13.53 ± 6.40	591.30 ± 24.00
PCL	8.48 ± 3.78	122.22 ± 8.46	74.32 ± 26.59
PCL/GEL	9.16 ± 1.24	39.31 ± 5.98	759.75 ± 79.42
PCL-CUR/GEL	3.04 ± 1.11	41.66 ± 10.14	430.99 ± 81.87
PCL/GEL-TH	12.96 ± 3.51	68.68 ± 32.40	1276.78 ± 136.51
PCL-CUR/GEL-TH	9.58 ± 1.78	139.10 ± 7.12	66.42 ± 9.50

Table S3. Electrospinning parameters for single and coaxial nanofiber mats.

Samples	Needle	Voltage (kV)	Push Speed (mm/min)	Distance between Needle and Receiver (cm)
GEL	21		0.1	
PCL	21	8-10	0.1	12–15
Coaxial electrospinning	Core:21 Shell:15		Core:0.02 Shell:0.04	