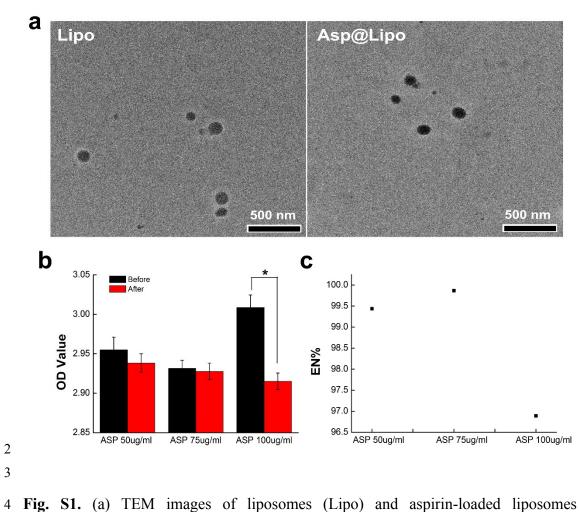
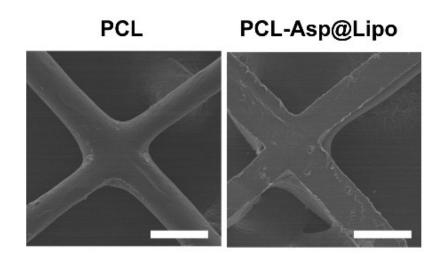
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1	Supporting Information		
2			
3	A hybrid 3D-printed aspirin-laden liposome composite scaffold		
4	for bone tissue engineering		
5			
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4 Fig. S1. (a) TEM images of liposomes (Lipo) and aspirin-loaded liposomes
5 (Asp@Lipo), (b, c) the encapsulation efficiency (EE) of aspirin (50, 75, 100 ug/ml) in
6 liposomes. (\*) p < 0.05. Results are representative of at least three independent</li>
7 experiments.

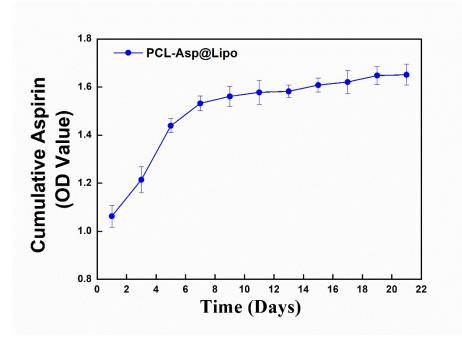




1

3 Fig. S2. SEM images of morphology of pristine and functionalized PCL scaffold

4~ surfaces. Scale bars indicate 100  $\mu m.$ 





3 Fig. S3. In vitro cumulative release of aspirin from Asp@Lipo immobilized on the

4 surface of PCL substrates.

Genes	5'-3'	Primes
Col1a1	forward reverse	AGACACTGGTGCTAAGGGAGAG GACCAGCAACACCATCTGCG
OCN	forward reverse	CCTGAAAGCCGATGTGGT AGGGCAGCGAGGTAGTGA
ALP	forward reverse	CAACCCTGGGGAGGAGAC GCATTGGTGTTGTACGTCTTG
Runx2	forward reverse	AGGAATGCGCCCTAAATCACT ACCCAGAAGGCACAGACAGAAG
OPG	forward reverse	CTGGAACCCCAGAGCGAAAT GCCTCCTCACACAGGGTAAC
RANKL	forward reverse	GGTTGGGCCAAGATCTCCAA TCCGGATCCAGTAAGGAGGG
β-actin	forward reverse	CCCAGAGCAAGAGAGG GTCCAGACGCAGGATG

Table S1. Primer sequences used for RT-PCR analysis