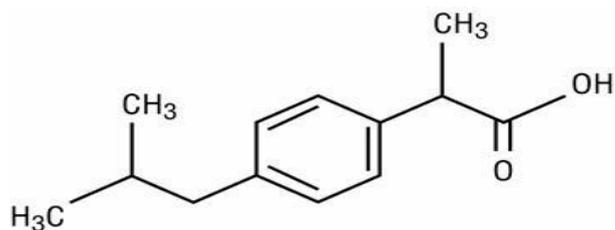
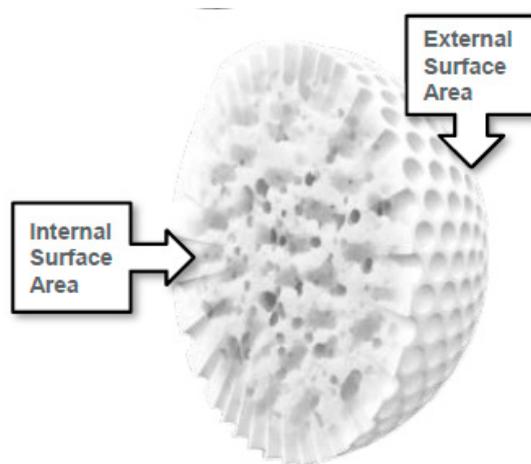


Supplementary Materials: Investigating the Effects of Loading Factors on the In Vitro Pharmaceutical Performance of Mesoporous Materials as Drug Carriers for Ibuprofen

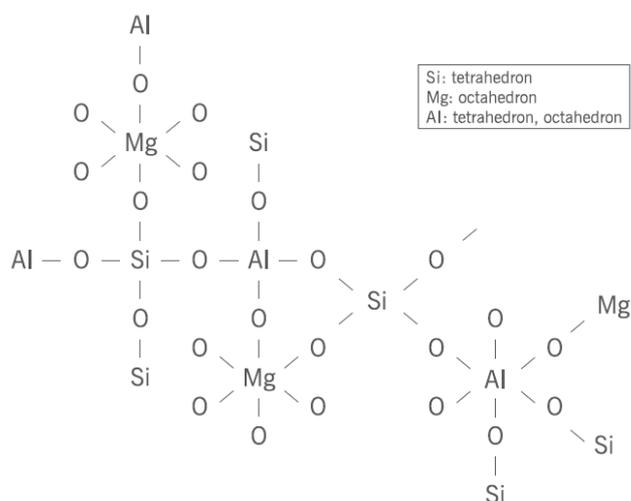
Junmin Lai, Wu Lin, Peter Scholes and Mingzhong Li



(a)



(b)



(c)

Figure S1. Structures of: (a) ibuprofen; (b) Silica SYLOID[®] 244FP; and (c) Neusilin[®] US2.

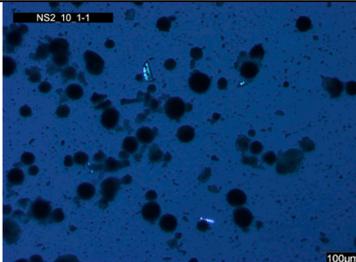
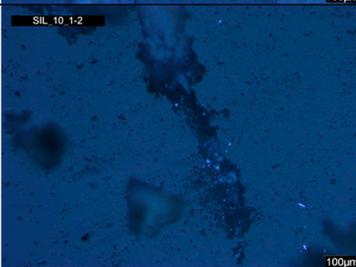
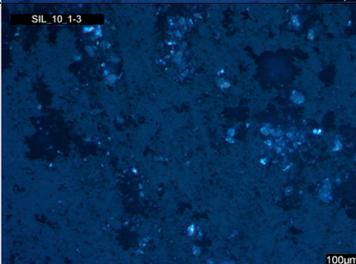
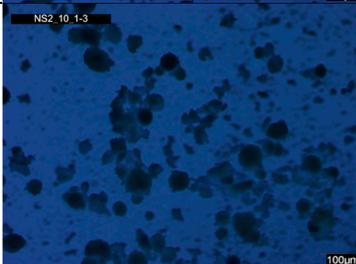
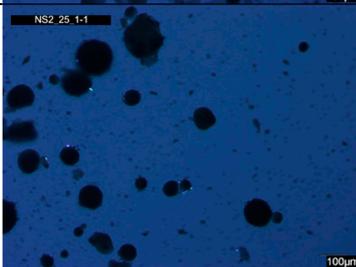
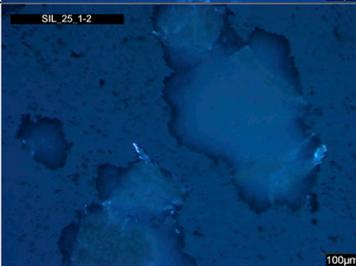
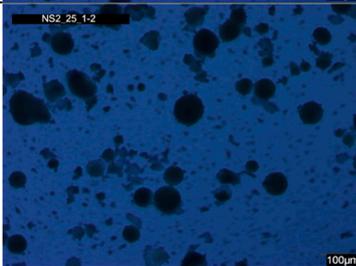
Initial IBU Concentration	Silica SYLOID® 244 FP	Neusilin® US2
10 mg/mL		
		
		
25 mg/mL		
		
		

Figure S2. Cont.

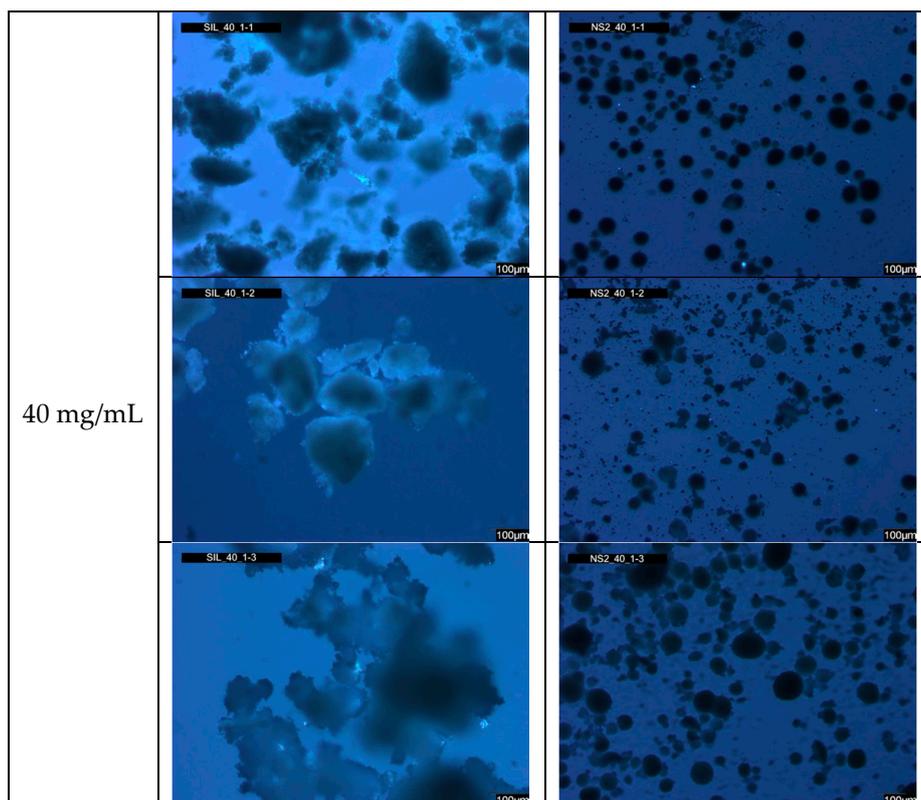


Figure S2. Images of the ibuprofen (IBU)-loaded samples.

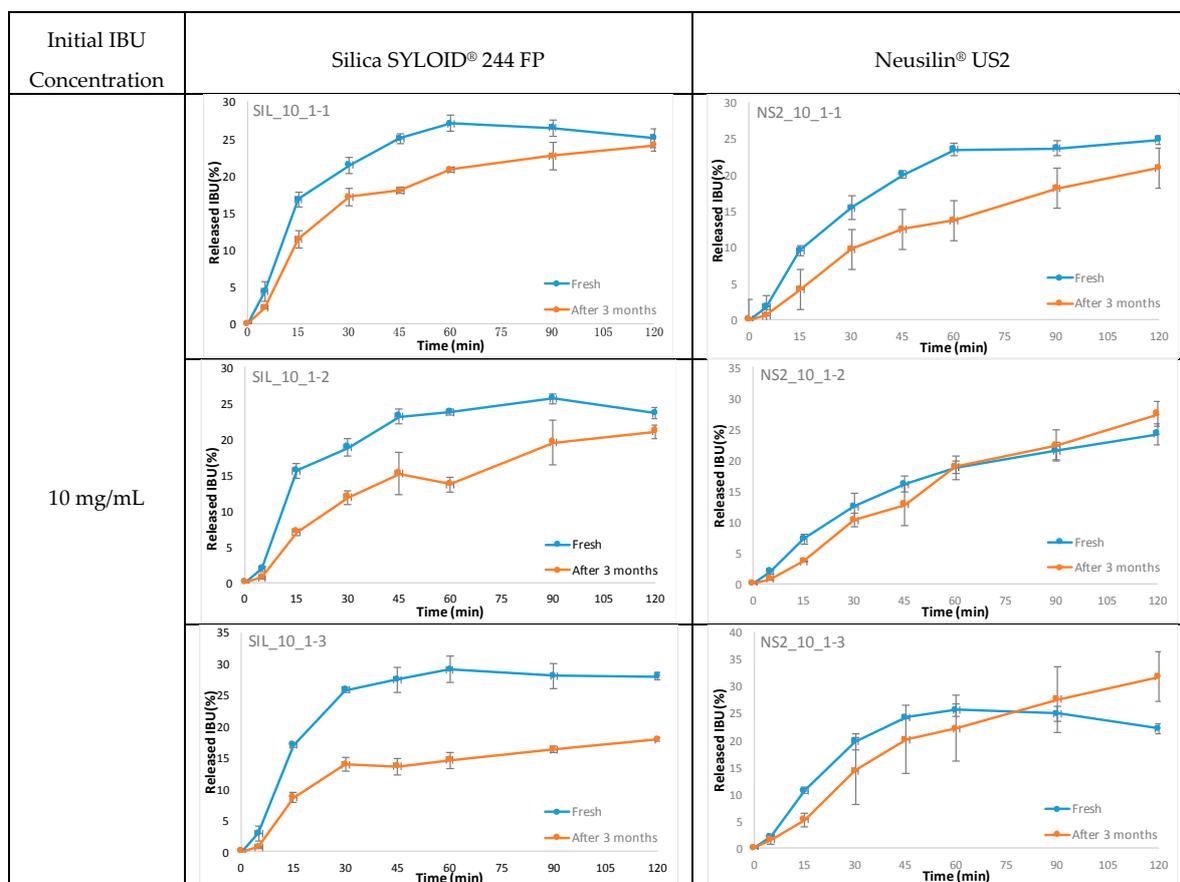


Figure S3. Cont.

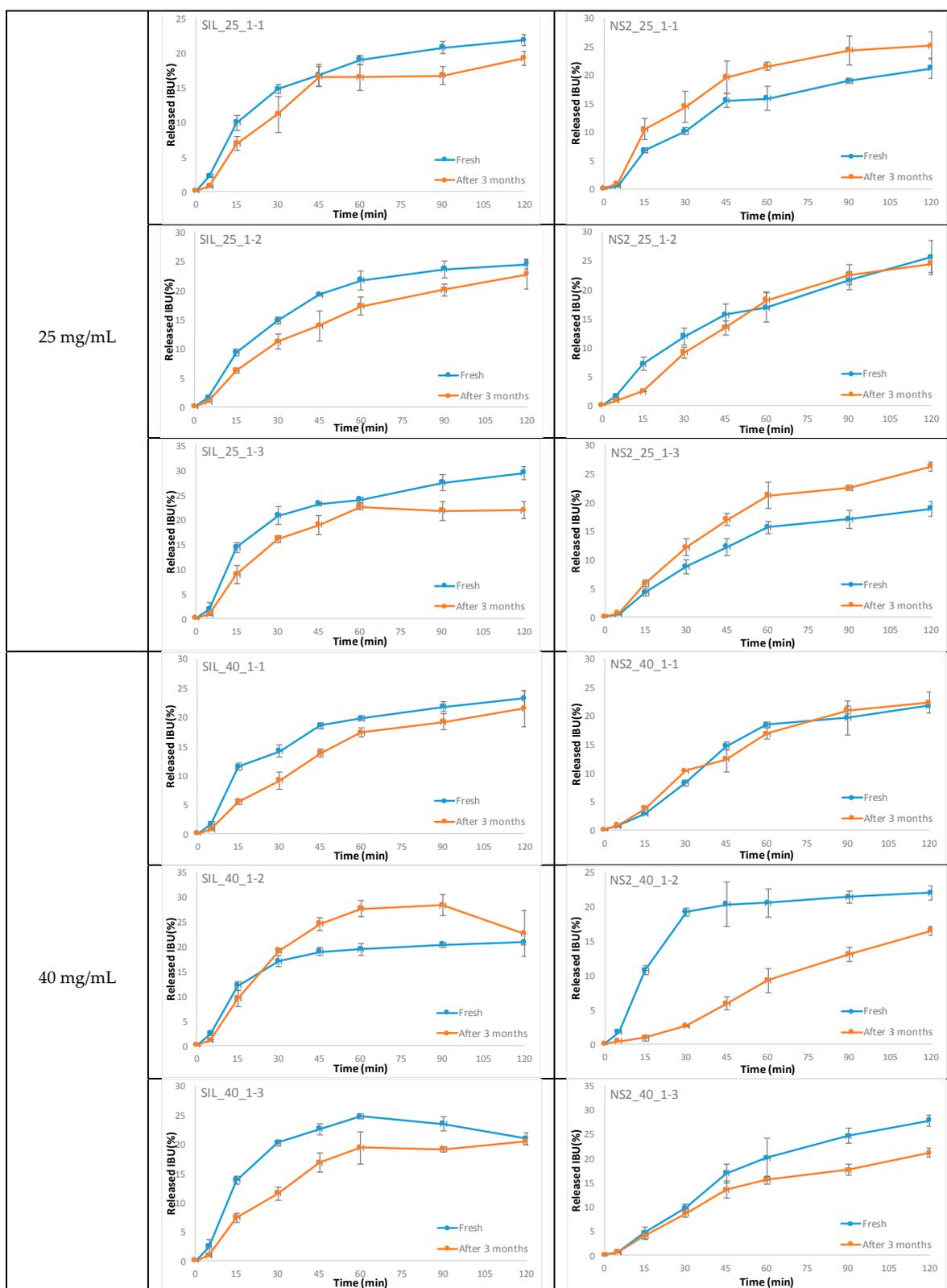


Figure S3. Comparison of the dissolution profiles of the drug-loaded samples of fresh and after three months of storage.