Supplementary information

Preparation of Targeted Lignin–based Hollow Nanoparticles for the Delivery of Doxorubicin

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The number of and tables: 1

Table S1 Effect of different m_{DOX}/m_{EHL} on average size, PDI, drug loading and Encapsulation efficiency of LNPs

DOX /EHL	AverageSize(nm)	PDI	Drug loading (%)	Encapsulation efficiency (%)
1/50	285 ± 6	0.213	1.93 ±0.22	68.9±8
1/20	284 ± 7	0.213	4.50±0.65	66.1±10
1/15	289 ± 8	0.213	6.22±0.42	69.6±5
1/10	290 ± 5	0.213	8.79±0.71	67.5±6
1/7	286 ± 7	0.213	10.53±1.83	57.7±11

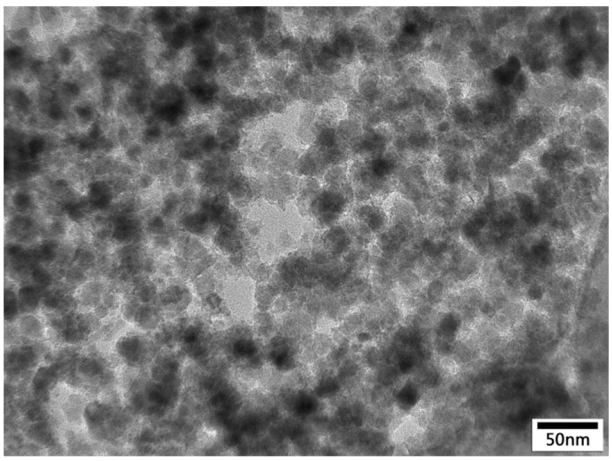

Figure S1. TEM images of Fe_3O_4 NPs

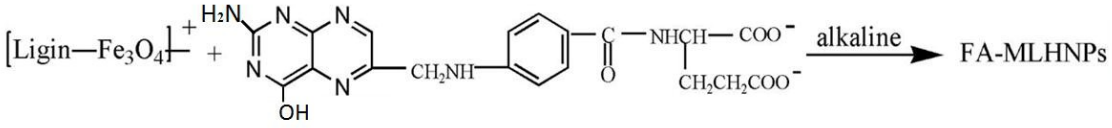

Figure S2. The preparation process of folate molecule graft for MLHNPs

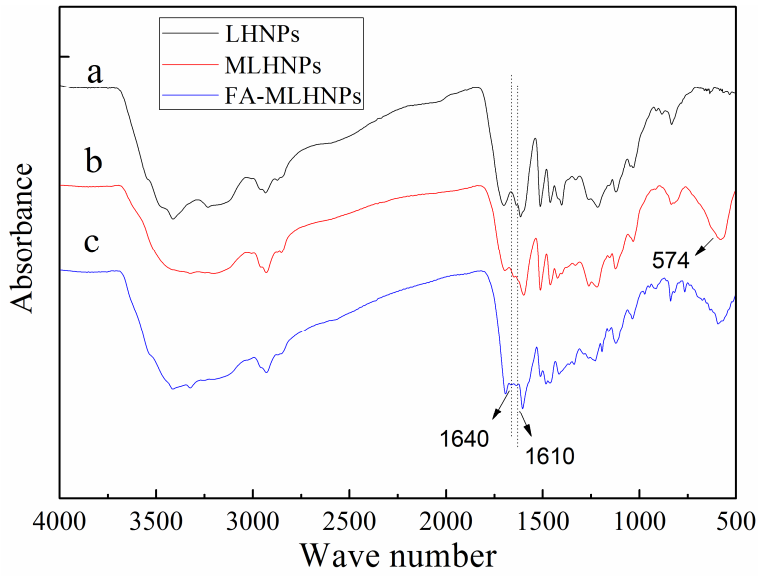

Figure S3. FTIR spectra of LHNPs, MLHNPs and FA-MLHNPs

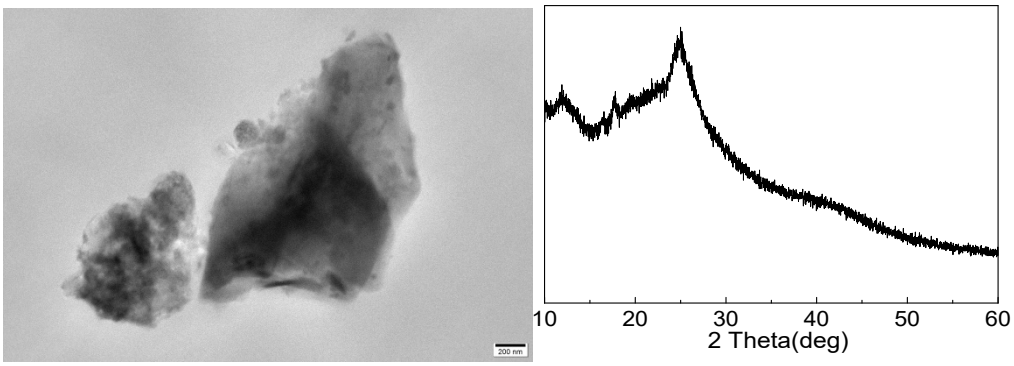

Figure S4.TEM images and XRD pattern of crystallization DOX after drying