

Supporting Information

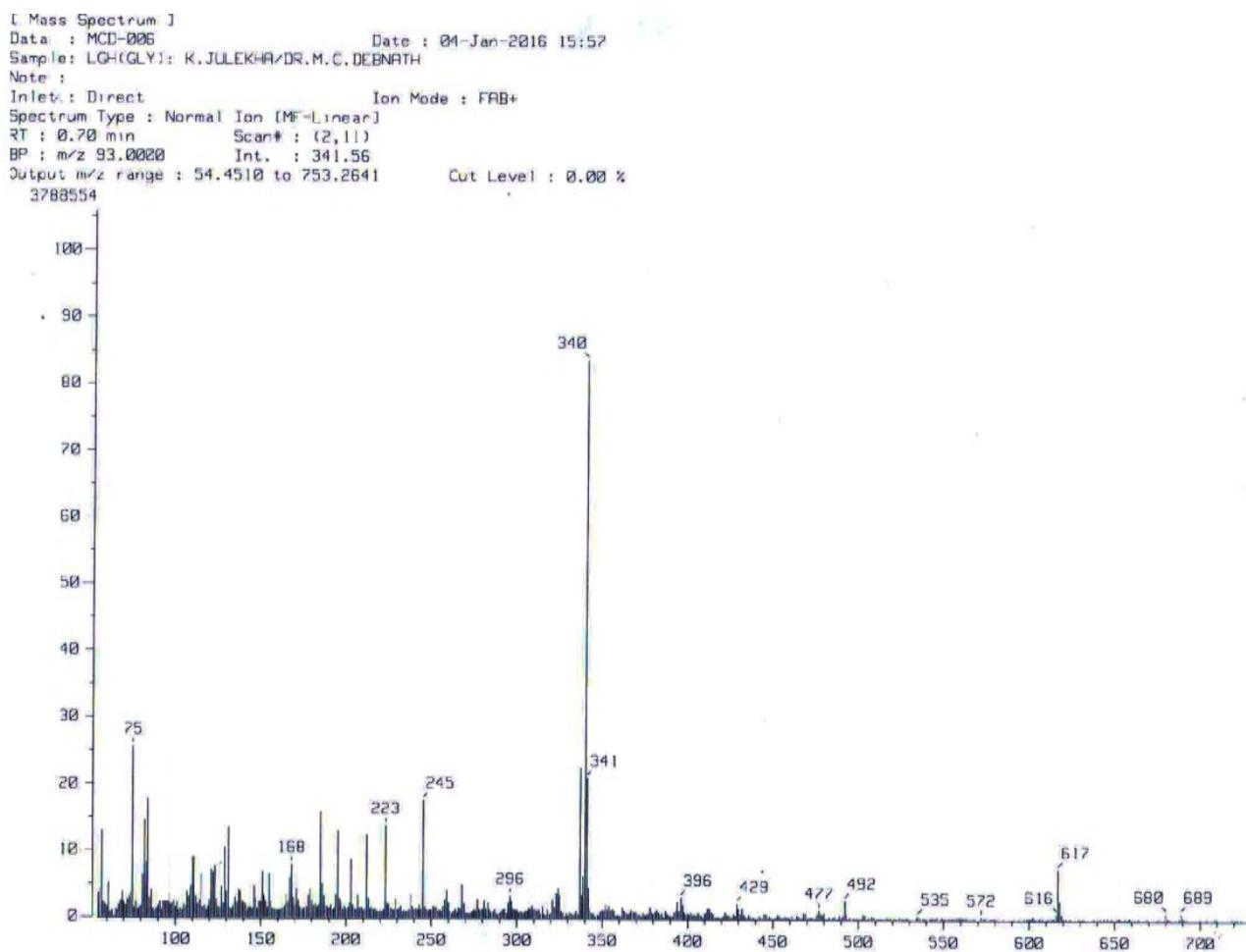


Figure S1:ESI MS spectra of Pep-1

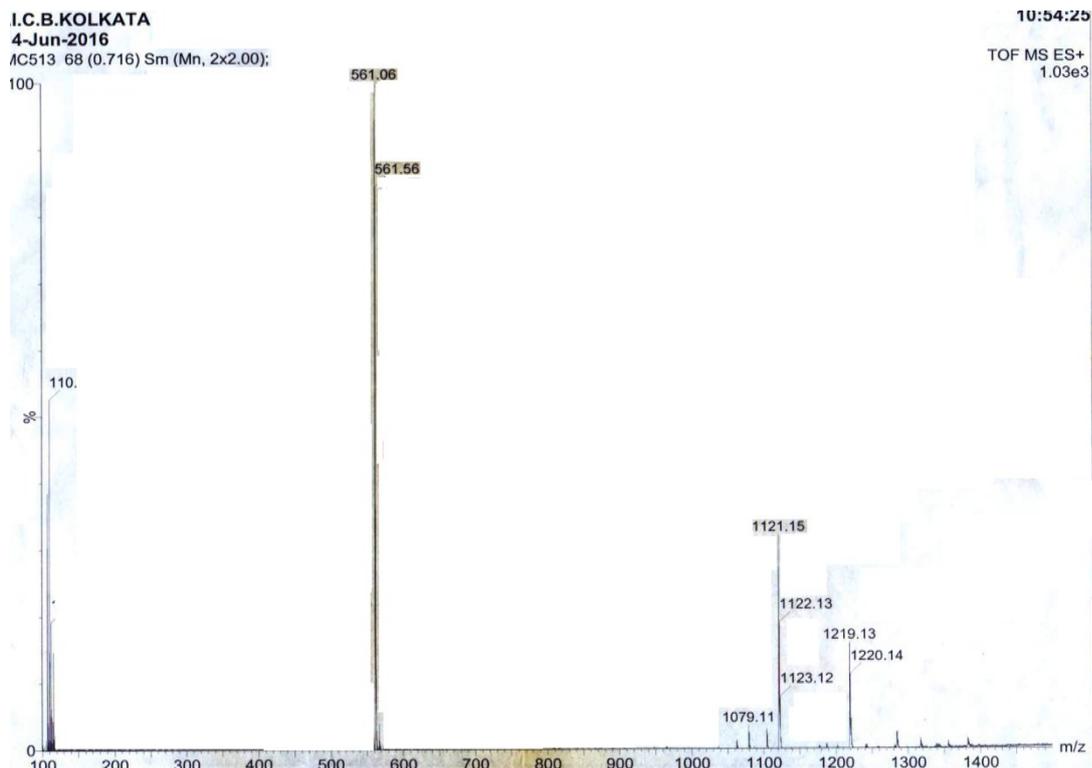


Figure S2:ESI MS spectra of Pep-2

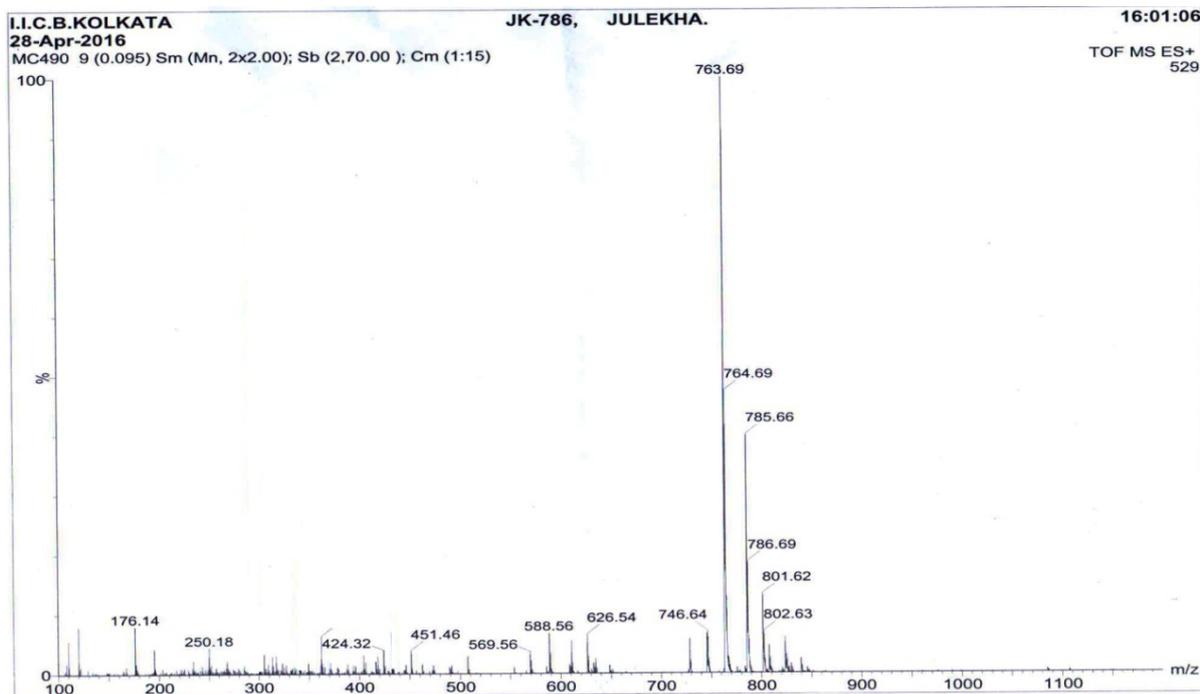


Figure S3:ESI MS spectra of FA-Pep-1

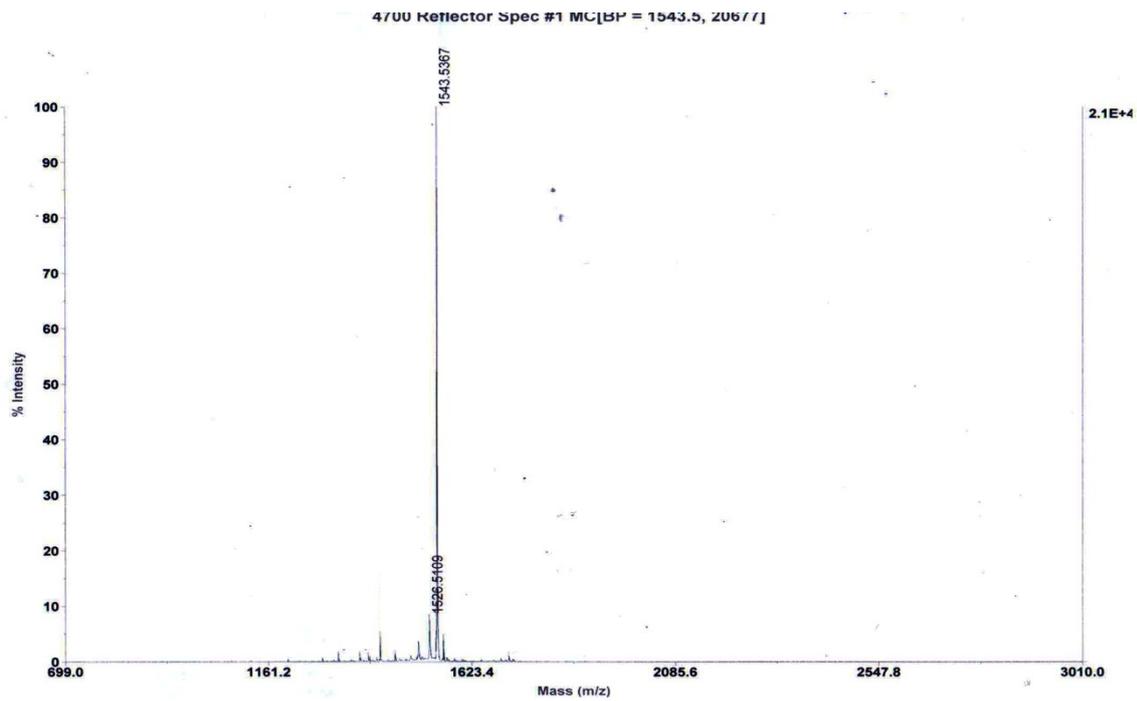


Figure S4: MALDI-TOF spectra of FA-Pep-2

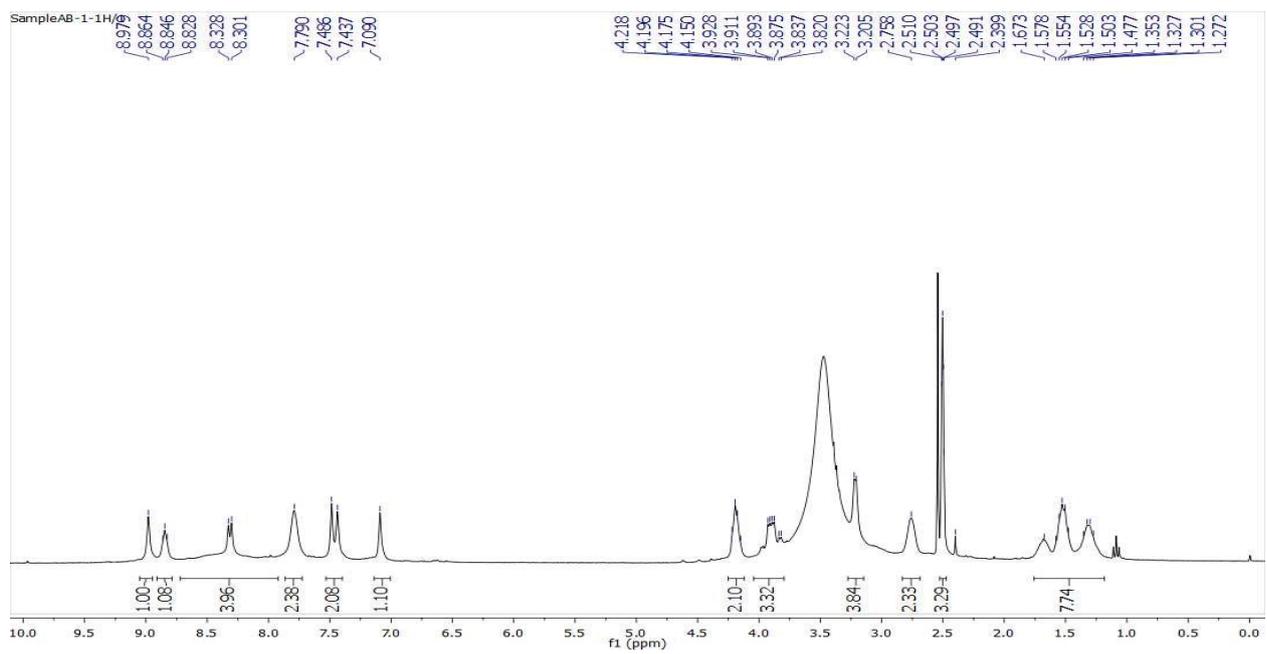


Figure S-5: NMR of FA-Pep-1

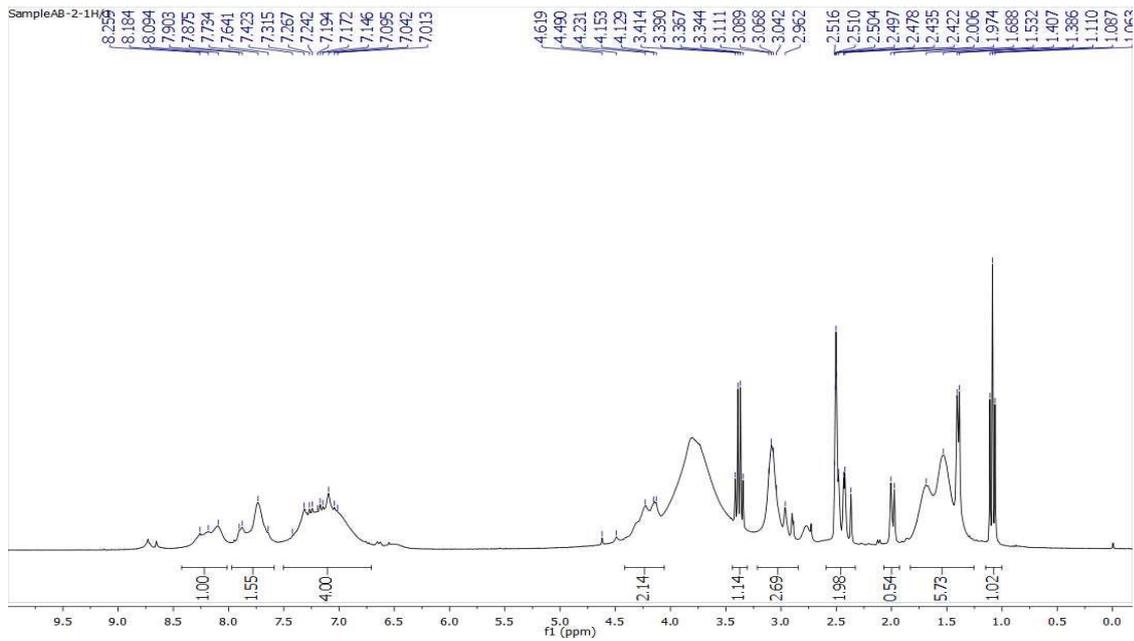


Figure S-6: NMR of FA-Pep-2

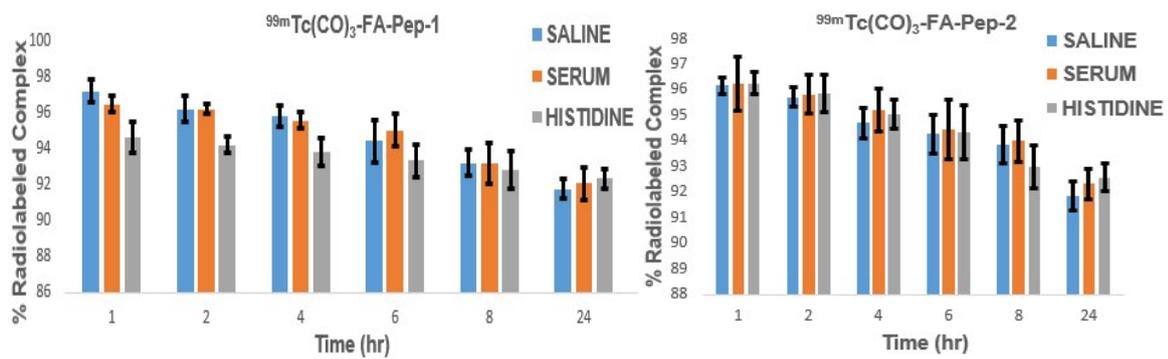


Figure S-7: Stability study of radiolabeled FA-Pep-1 and radiolabeled FA-Pep-2.

A

B

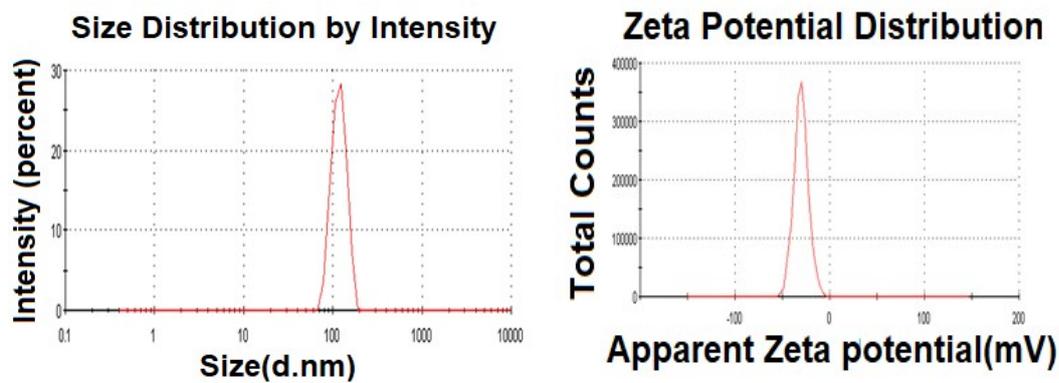
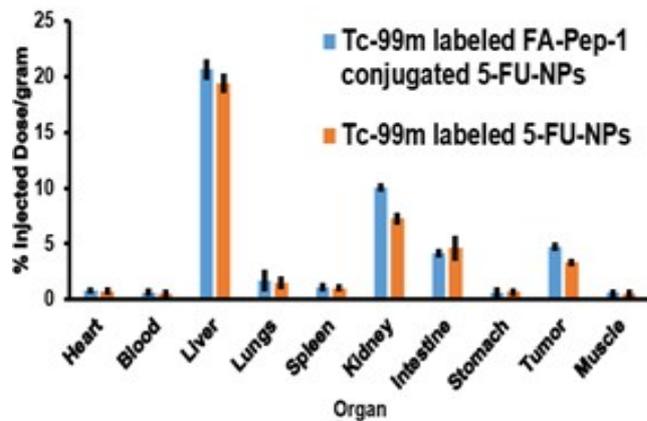


Figure S-8: Particle size distribution (A) and zeta potential measurement profile (B) of 5-FU-NPs.

A



B

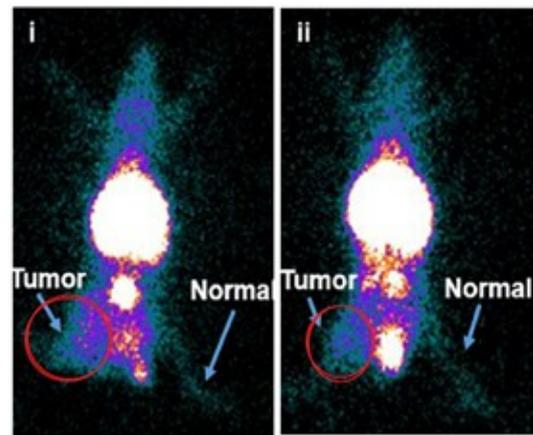
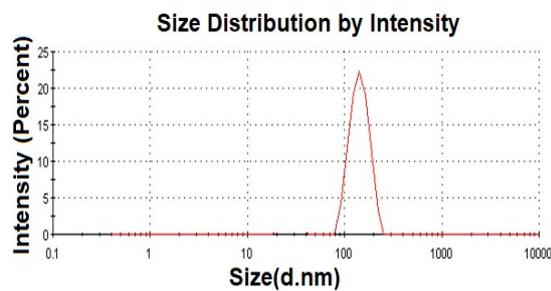
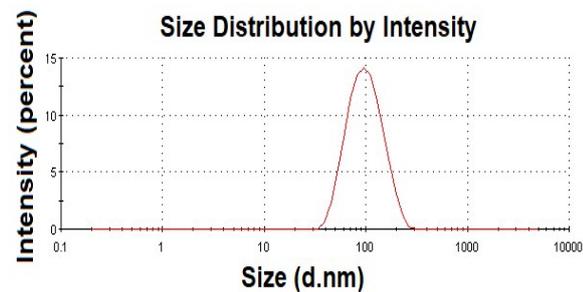


Figure S-9:(A) Bar-diagram representing result of bio distribution studies of Tc-99m labeled FA-Pep-1 conjugated 5-FU-NPs and 5-FU-NPs at 4 h post injection time period (each value is the mean \pm SEM of five animals),(B) Scintigraphic images of ^{99m}Tc labeled FA-Pep-1 conjugated 5-FU-NPs (i) and 5-FU-NPs (ii) at 4 h post injection time period.

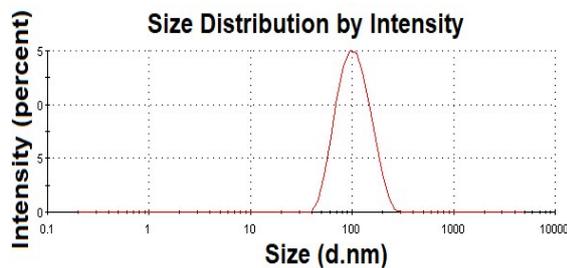
A



B



C



D

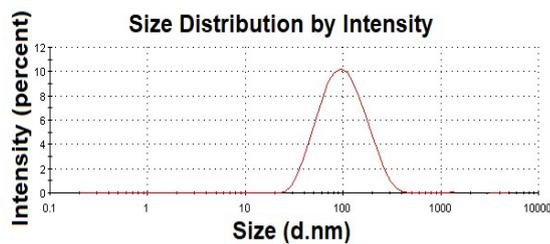


Figure S-10:Long-term storage stability studies (A) and serum stability studies of 5-FU-NPs in 1h(B), 2h(C), 4h(D) .