

Supplementary Materials: Tannic Acid-Lung Fluid Assemblies Promote Interaction and Delivery of Drugs to Lung Cancer Cells

Elham Hatami ¹, Prashanth K.B. Nagesh ¹, Pallabita Chowdhury ¹, Subhash C. Chauhan ¹, Meena Jaggi ¹, Amali E. Samarasinghe ² and Murali M. Yallapu ^{1,*}

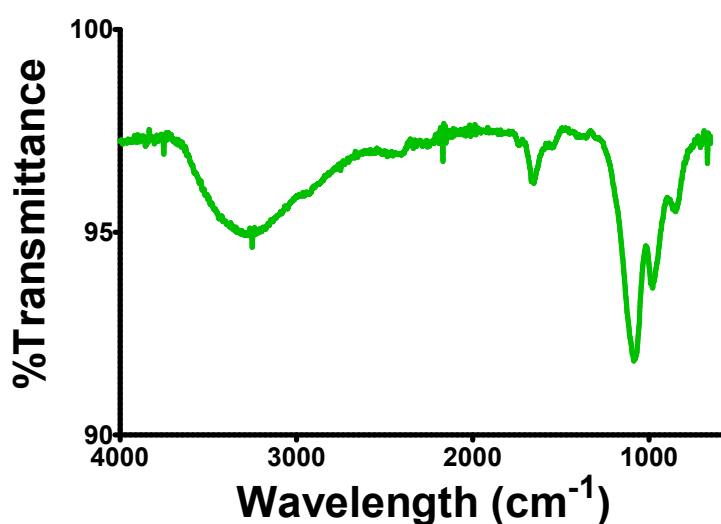


Figure S1. FT-IR of lung fluid. Protein characteristics peaks of the amide I band at 1655 cm^{-1} (mainly C–O stretch) and amide II band at 1525 cm^{-1} (C–N stretching and N–H bend) in LF. The other peaks at 3290 and 1075 cm^{-1} corroborates to N–H and C–N stretch of the aliphatic amine.

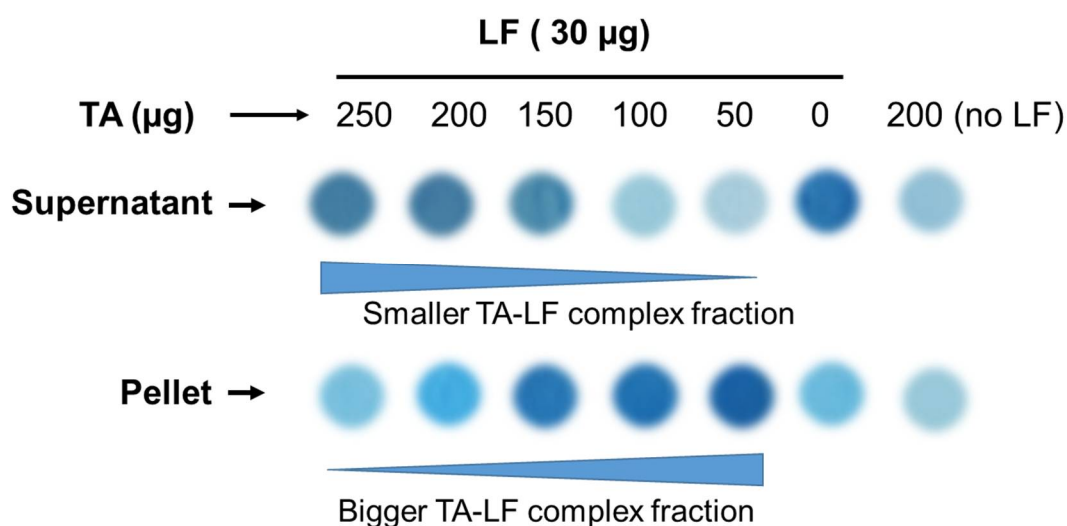


Figure S2. TA-LF complexes were separated by centrifugation at 5,000 rpm and supernatant and pellet TA-LF complexes were used for protein density probing on nitrocellulose membrane as mentioned in section 2.5 in the manuscript.

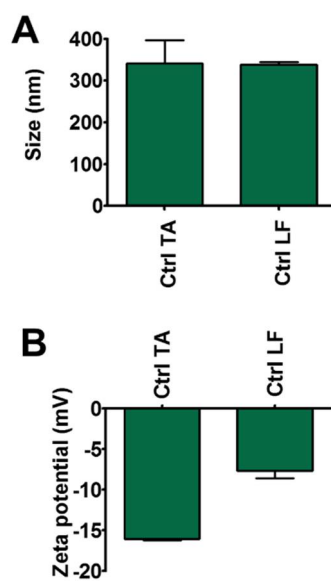


Figure S3. DLS data for (A) Particle size and (B) zeta potential of TA and LF. Measurements were performed using Zetasizer.