

Mucoadhesive Rifampicin-Liposomes for the Treatment of Pulmonary Infection by *Mycobacterium abscessus*: Chitosan or ϵ -poly-L-lysine Decoration

1. DLS: size distribution analysis

Dynamic Light Scattering (DLS) was used to determine the size distribution of the liposomal formulations by considering the intensity-weighted NNLS algorithm to analyze data [1.]

Figure S1. Intensity-weighted size distribution of bare liposomes and polyion-decorated liposomal formulations obtained by NNLS analysis.

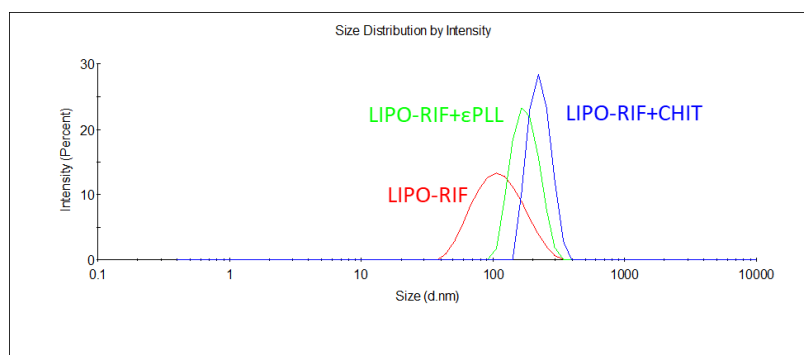


Table S1. Hydrodynamic diameter of bare liposomes and polyion-decorated liposomal formulations obtained by NNLS analysis. Errors are the standard deviations (SD) of data.

Sample	$D_H \pm SD$ (nm)	width $\pm SD$ (nm)
LipoRIF	118 ± 4	49 ± 4
LipoRIF + Chit	228 ± 8	43 ± 2
LipoRIF + ϵ -PLL	179 ± 5	41 ± 3

1. Lawson, C. L., & Hanson, R. J. (1974). Solving Least Squares Problems, Prentice-Hall, Inc., Englewood Cliffs.