

Supporting Information

Evaluation of Multifunctional Liposomes in Human Blood Serum by Light Scattering

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1. Angular dependency of investigated liposomes

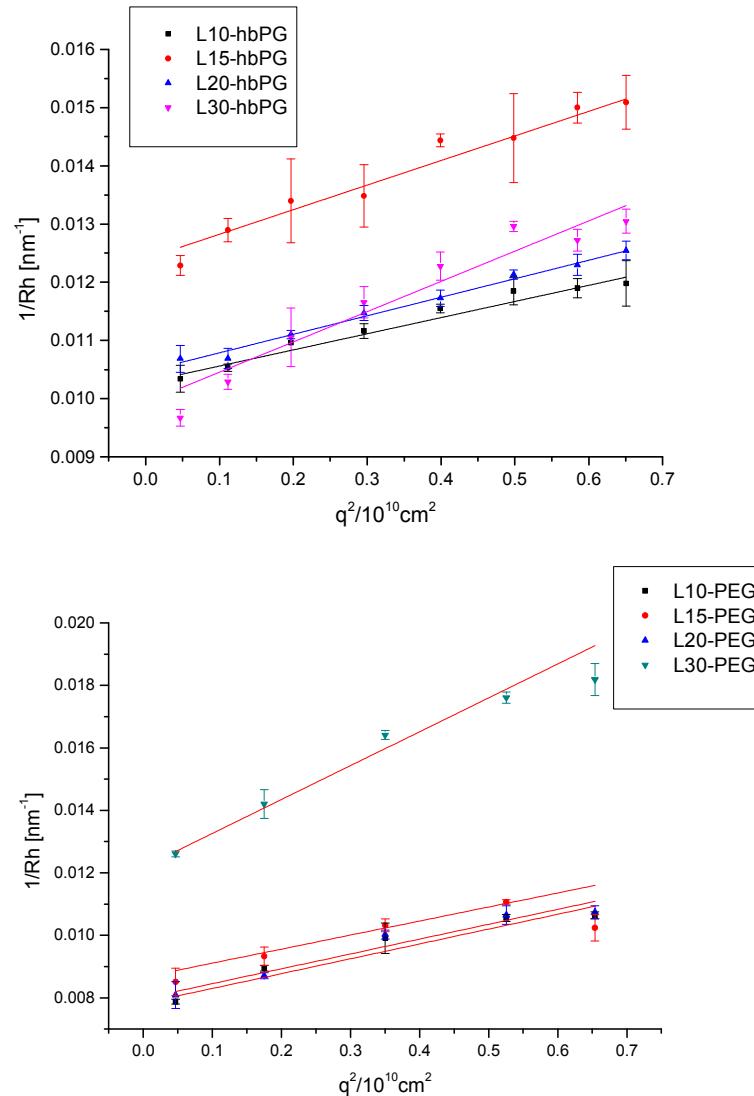


Figure S1: Angular dependency of the inverse apparent hydrodynamic radius of liposomes modified with different amounts of Ch-PEG₄₄ (lower) and Ch-PEG₃₀-hbPG₂₃ (upper).

2. CryoTEM images of investigated liposomes

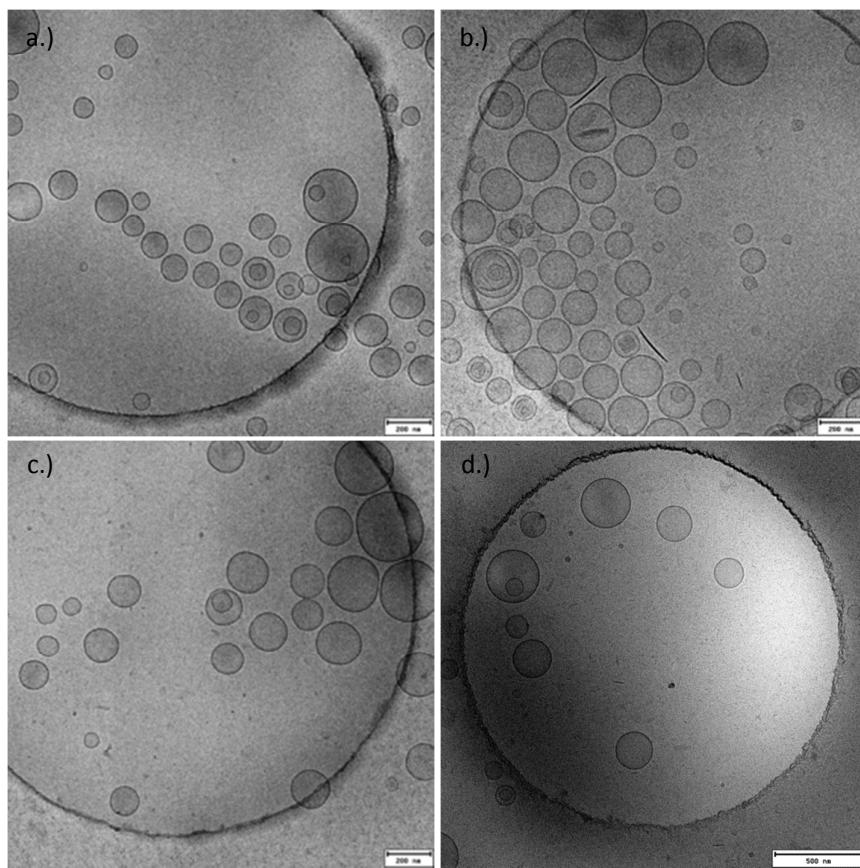
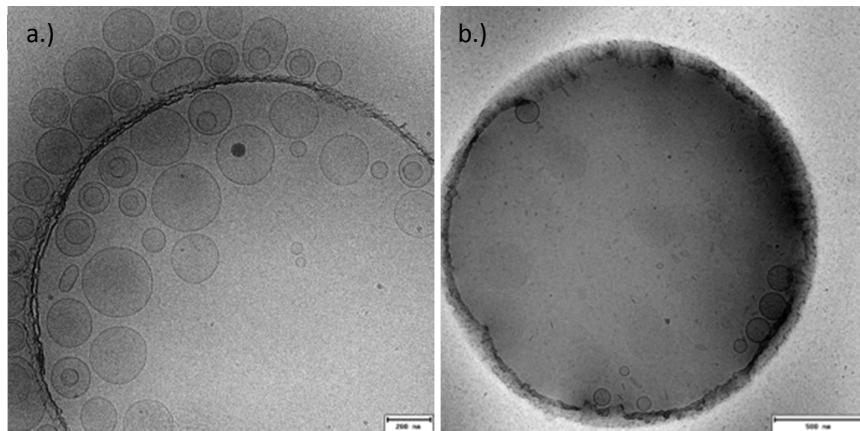


Figure S2: Cryo-TEM images of different liposomal systems: liposomes containing 10 mol% (a), 15 mol% (b), 20 mol% (c) and 30 mol% (d) of Ch-PEG₄₄. Scale bar refers to 200 nm (picture a, b, c) and 500 nm (picture d).



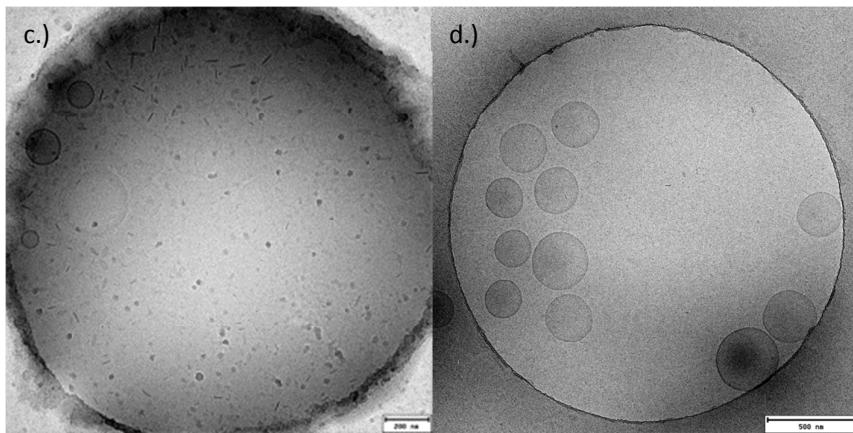
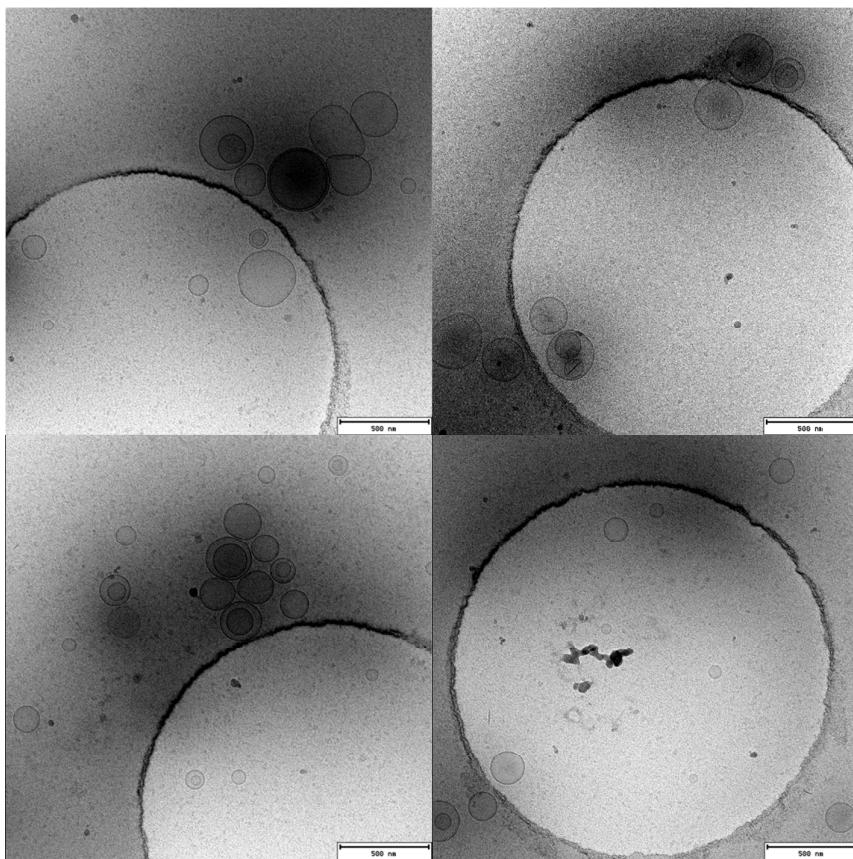


Figure S3: Cryo-TEM images of different liposomal systems: liposomes containing 10 mol% (a), 15 mol% (b), 20 mol% (c) and 30 mol% (d) of Ch-PEG₃₀-hbPG₂₃. Scale bar refers to 200 nm (picture a, c), scale bar with 500 nm (picture b, d).



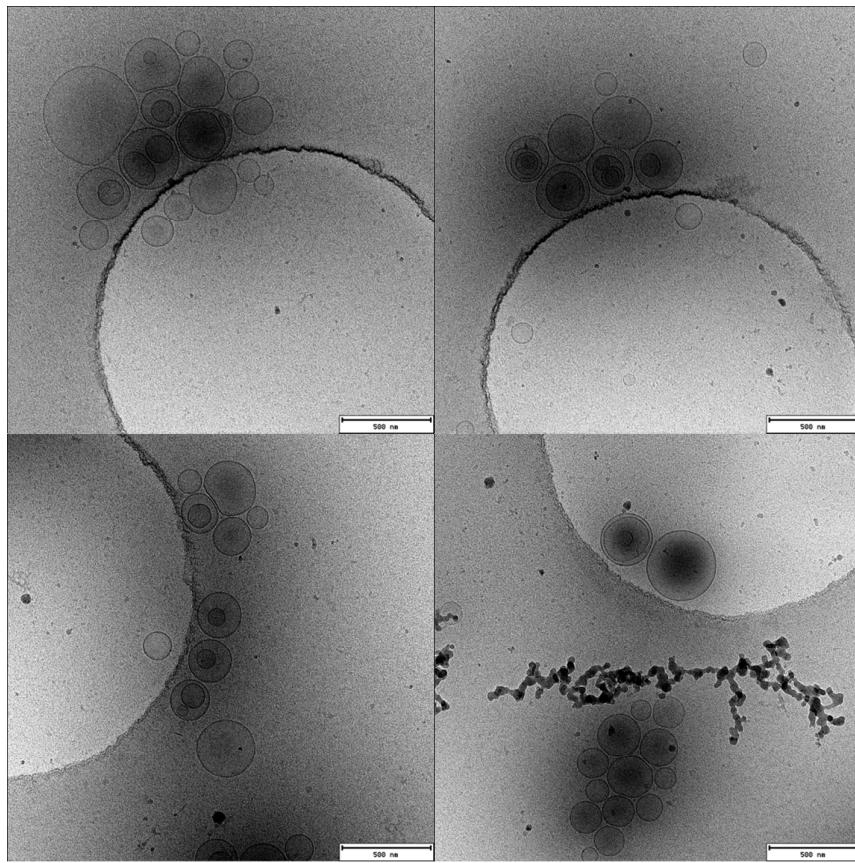
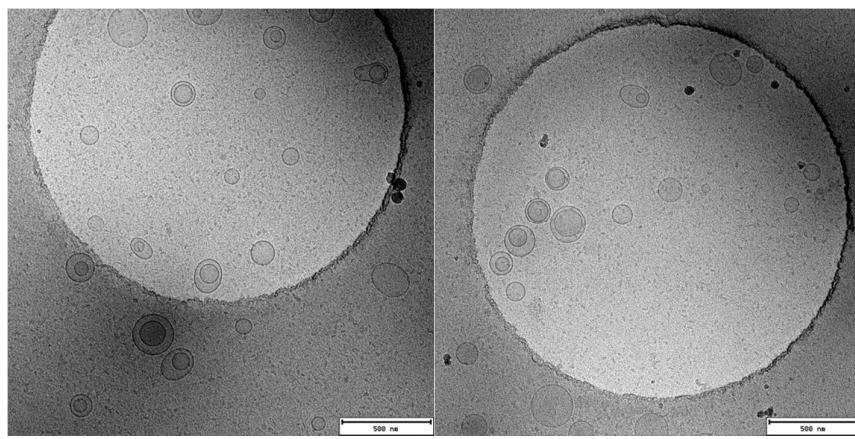


Figure S4: Cryo-TEM images of liposomes in human blood serum with 10 mol% of Ch-PEG₄₄ (L10-PEG); scale bar refers to 500 nm.



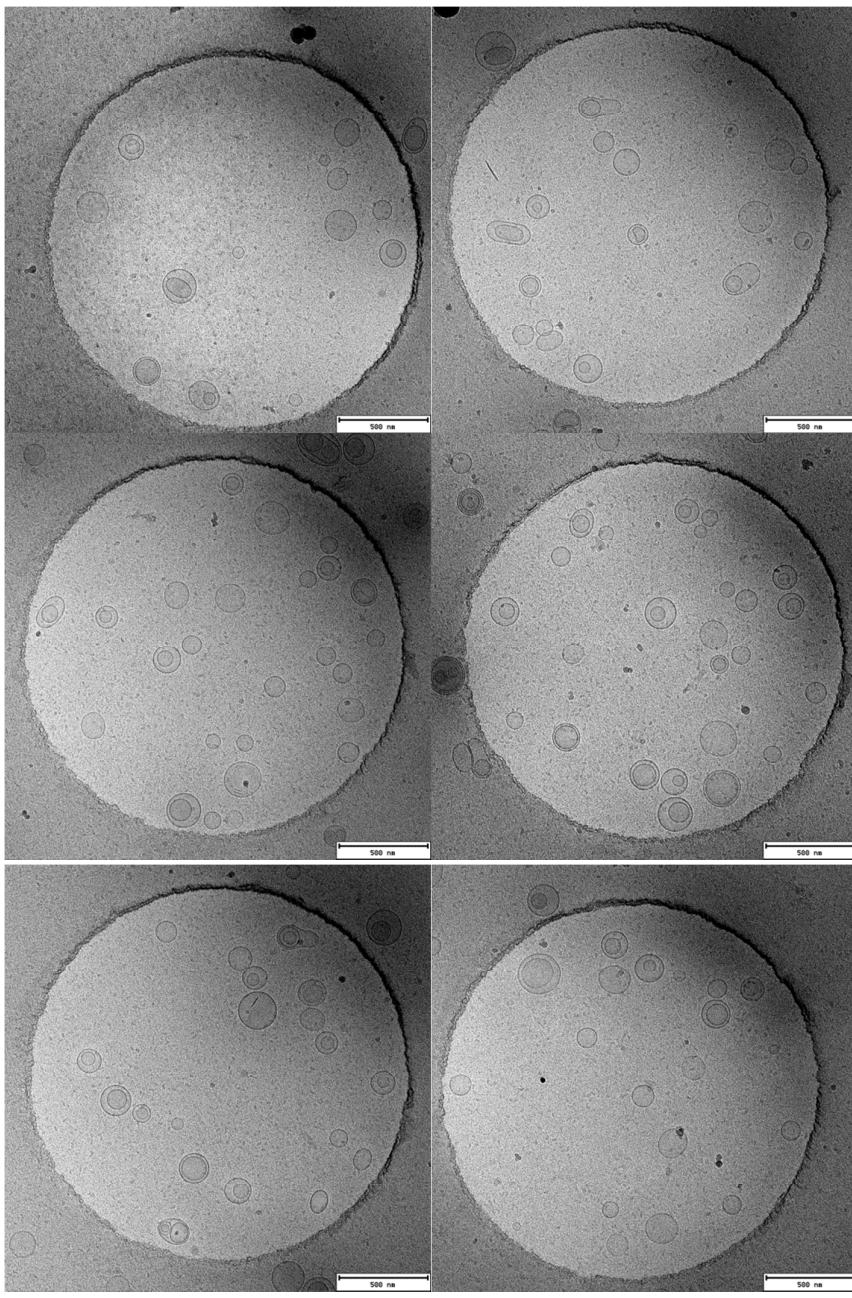


Figure S5: Cryo-TEM images of liposomes in human blood serum with 10 mol% of Ch-PEG₃₀-hbPG₂₃ (L10-hbPG); scale bar refers to 500 nm.