



**Figure S1. Cell toxicity and antiviral capacity of empty liposomes solution.** A) Viability of Huh-7 cells exposed empty liposomes. Cells were cultured in culture medium and treated or mock-treated for 48 h with order 10 dilutions of the liposomal structure. Cell viability was measured by MTT tetrazolium salt assay and calculated as the percentage of viability compared to untreated cells; columns represent the mean viability  $\pm$  S.D. ( $n = 3$ ) after exposure to the drugs. B) Antiviral assay of empty liposomes against HCoV229E in Huh-7 cell line. The cells were incubated during all steps with order 10 dilutions of empty liposomes and subsequently infected with its corresponding virus at a MOI of 0.5. Columns represent the mean percentage of GFP+ cells compared to untreated cells