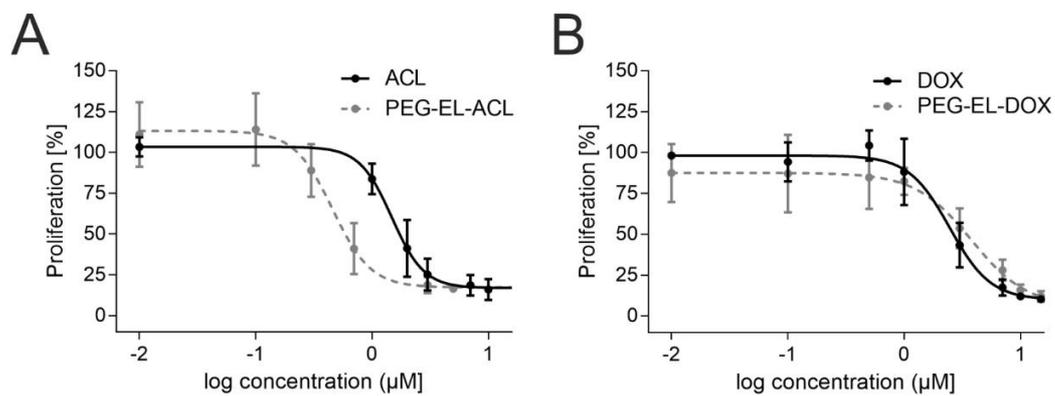
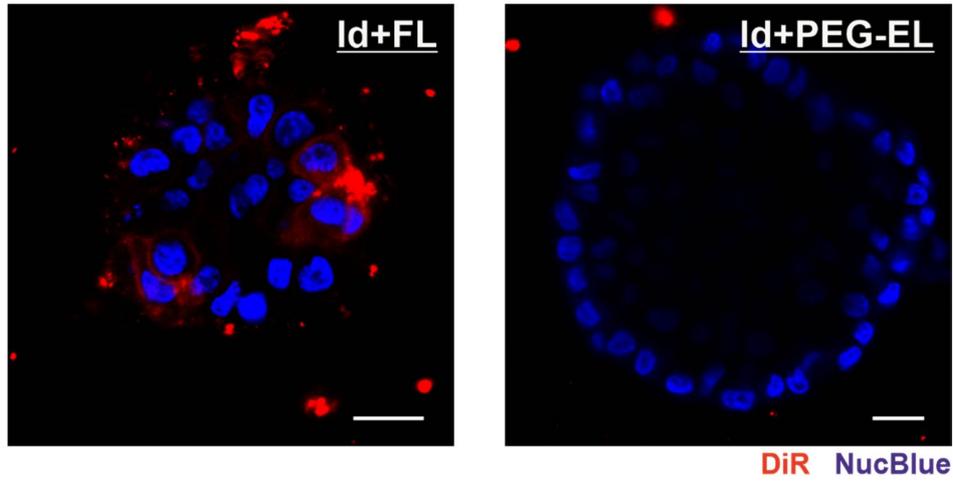


Supplemental Figure S1. Localization of anthracyclines ACL (top row) and DOX (bottom row) in MCF-10A cells. Incorporation of the free drugs (ACL, DOX), the drugs encapsulated in FL (FL-ACL, FL-DOX) and in PEG-EL (PEG-EL-ACL, PEG-EL-DOX) resulted in similar localization. Scale bar 20  $\mu\text{m}$ , applies to all.



Supplemental Figure S2. Anti-proliferative effect of the anthracyclines ACL (A) and DOX (B) upon delivery via PEG-EL and as free drug. ACL is more potent than DOX and the effect is dose-dependent. Mean with standard deviation is shown.



Supplemental Figure S3. Interaction of fusogenic liposomes (FL) and endocytic liposomes (PEG-EL) with the surface of acini with a lowly developed basement membrane (Id). Scale bars 20  $\mu\text{m}$ .