Improving cellular uptake of therapeutic entities through interaction with components of cell membrane

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Figure S1. (A) Bar graph showing the extent of esterification of GFP with diazo compounds 1-6 (black) and the internalization of the ensuing esterified GFPs into CHO-K1 cells (green). (B) Images of the cellular internalization of GFP and its esterified variants. Reproduced with permission from ref (Mix et al., 2017). Copyright 2017 American Chemical Society
Figure S2. (A) Low-temperature side chain conformation and phosphate interaction of Arg10 and Lys13 in penetratin. (B) Model of TAT structure and dynamics in DMPC/DMPG bilayers. Reproduced with permission from ref (Su et al., 2009, 2010). Copyright 2009, 2010 American Chemical Society.

Figure S3. Improved uptake and accumulation of Tf-nanocarriers onto the TfR overexpressed tumor cell, whereas minimized targeting to normal cells. Reproduced with permission from ref (Choudhury et al., 2018). Copyright 2018 Springer Nature.

Figure S4. PBA-installed micellar nanocarriers for targeting sialylated epitopes overexpressed on cancer cells. Reproduced with permission from ref (Deshayes et al., 2013). Copyright 2013 American Chemical Society.
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