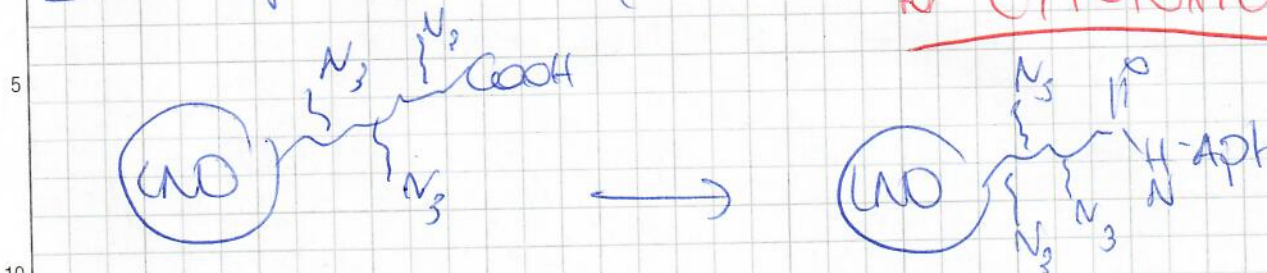


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— UNO@Apt for collab (on AS491) → on 1 mg
for CYTOTOXICITY



1 mg UNO@Apt (AS491, 5 mg/mL, 200 μ L) was transferred in a low binding eppendorf, washed with 0.1 M MES (pH 5.8). The pellet was resuspended in MES (100 μ L).

NPs were incubated with excess EDC (62.1 g/L, 100 μ L) and sulfo-NHS (21.7 g/L, 100 μ L).

100 μ L of 10 μ M anti-EGFR apt (after 5 min at 90°C and 15 min cooling at rt) was added to the solution and stirred at 1500 rpm.

washes: = Tween 20 0.01%

= Hybrid buffer

= PBS 1x + 1 mM MgCl_2

DL1 results:

PBS: 114.1 ± 4.4 mV (POI: 0.12)

DNA: 158.2 ± 6.0 mV (POI: 0.13)

pH 7: -37.8 ± 0.8 mV

pH 3: -22.4 ± 3.2 mV

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