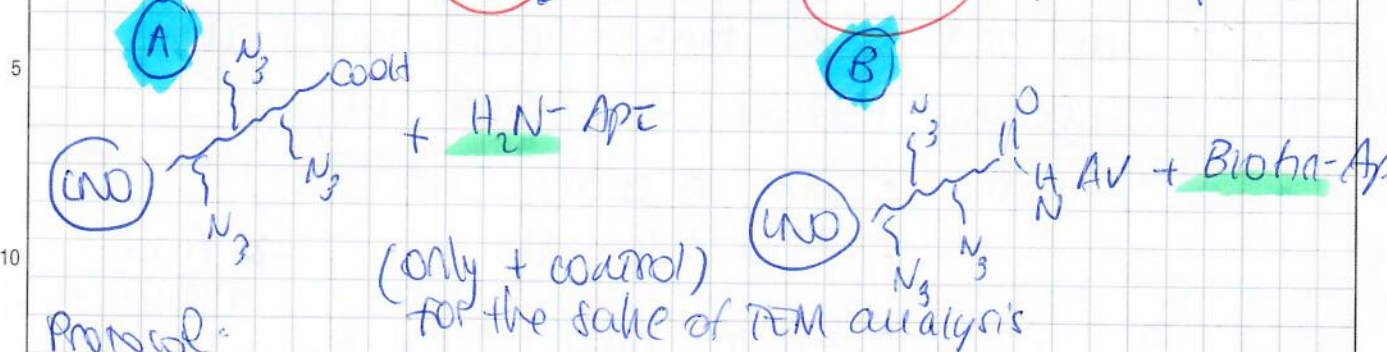


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- CryoTEM on NH_2 -Apt and Biotin-Apt samples

Protocol:

(A) → 1mg UNO@Talys (A5383, 5mg/mL, 200 μL) washed with 0.1 M MES buffer (pH 5.8). Feller was resuspended in MES. NPs were incubated with EDC (400 mM, 62.1 mg/mL, 100 μL) and sulfo-NHS (100 mM, 21.7 mg/mL, 100 μL) at rt.

after heating-cooling
 400 μL of 10 μM anti-EGFR NH_2 -Aptamer (1 nmol) was added. Incubated for 4h, rt.

Washes: • Tween 20 (1x) 0.01%
 • Hybrid buffer (1x)
 • PBS + 1mM MgCl_2 (1x)

Final resusp.
 2 mg/mL
 (in 0.5 mL)
 → 1 mg NPs

(B) → 1mg UNO@Talys (A5383, 200 μL) washed with 0.1 M MES buffer (pH 5.8). Feller resuspended in MES. NPs incubated with EDC (400 mM, 62.1 mg/mL, 100 μL) and sulfo-NHS (100 mM, 21.7 mg/mL, 100 μL) at rt. 25 μL of AV in PBS (pH 7.4) conc 0.5 mg/mL was added for 2h, rt.

stock of
 Now was
 OVER!

washes: • MES (1x)
 • Tween 0.1% (1x)
 • PBS (2x)

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