

Iron Oxide Nanoparticles with Supramolecular Ureido-Pyrimidinone Coating for Antimicrobial Peptide Delivery

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Supporting information

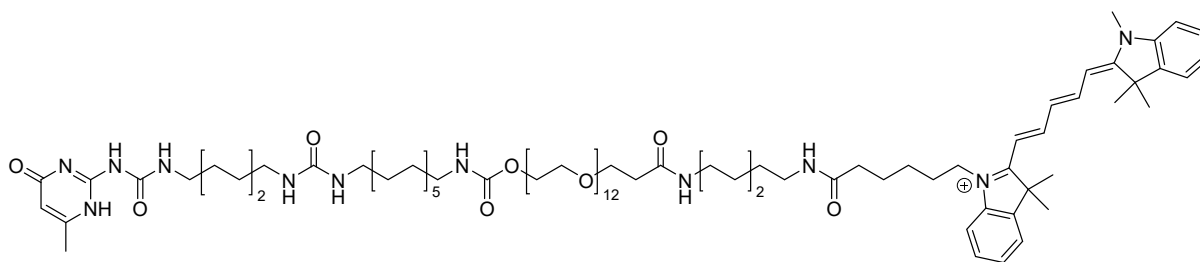


Figure S1: Structure of UPy-Cy5.

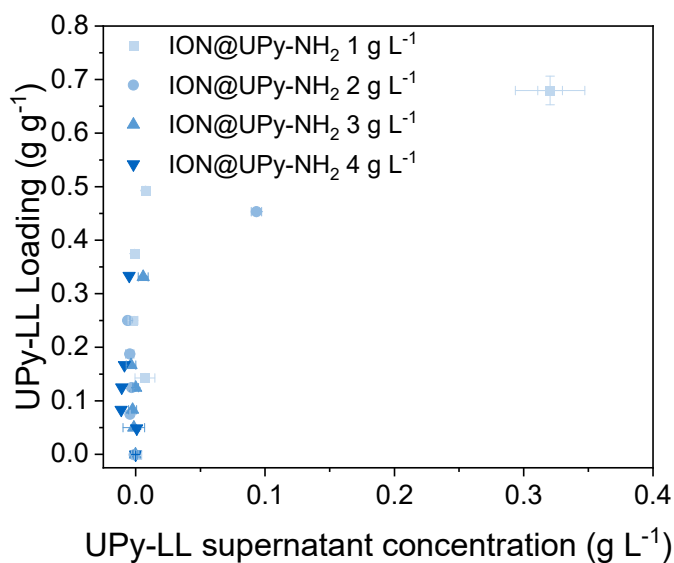


Figure S2: UPy-LL loading on different ION@UPy-NH₂ concentrations.

Table S1: Amount of bound UPy-LL on ION@UPy-NH₂ after dilution to different particle concentrations.

ION@UPy-NH ₂ @UPy-LL concentration [g L ⁻¹]	0 g L ⁻¹	0.005 g L ⁻¹	0.01 g L ⁻¹	0.015 g L ⁻¹	0.03 g L ⁻¹	0.04 g L ⁻¹	0.05 g L ⁻¹	0.075 g L ⁻¹	0.1 g L ⁻¹
UPy-LL concentration bound to ION@UPy-NH ₂	0 μM	1.77 μM	3.53 μM	5.40 μM	10.6 μM	14.1 μM	17.7 μM	26.5 μM	35.3 μM

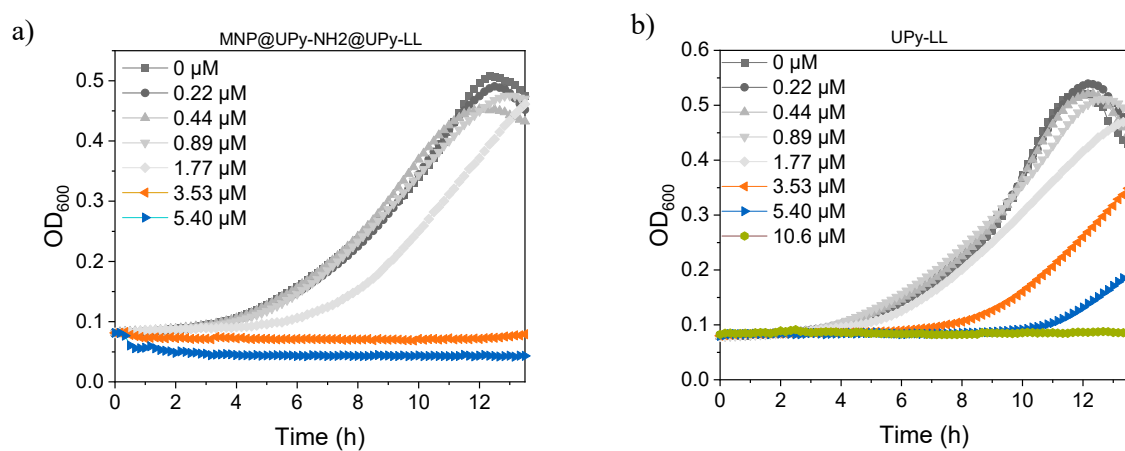


Figure S3: OD₆₀₀ measurements of *E. coli* growth contacted with (a) ION@UPy-NH₂@UPy-LL and (b) free UPy-LL.