Supporting Information

for

Tailoring the ligand shell for the control of cellular uptake and optical properties of nanocrystals

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Additional information about the conducted cell culture experiments available

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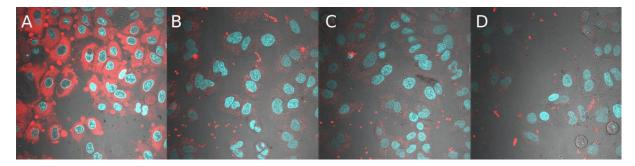


Figure S1: Confocal microscopy images of A549 cells, incubated with methoxy-functionalized nanocontainers under serum-free conditions for 20 h. 4300 g/mol PI-b-PEG (A); 6600 g/mol PI-b-PEG (B); 9000 g/mol PI-b-PEG (C); 13400 g/mol PI-b-PEG (D).

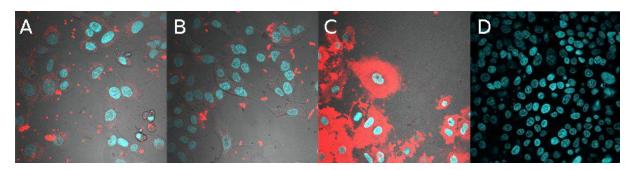


Figure S2: Confocal microscopy images of A549 cells, incubated with amine-functionalized nanocontainers under serum-free conditions for 20 h. 4300 g/mol PI-b-PEG (A); 6600 g/mol PI-b-PEG (B); 9000 g/mol PI-b-PEG (C); 10500 g/mol PI-b-PEG (D).

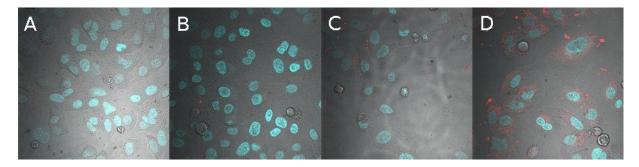


Figure S3: Confocal microscopy images of A549 cells, incubated with carboxy-functionalized nanocontainers under serum-free conditions for 20 h. 4300 g/mol PI-b-PEG (A); 6600 g/mol PI-b-PEG (B); 9000 g/mol PI-b-PEG (C); 13400 g/mol PI-b-PEG (D).