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Correction: Fluorescent core–shell nanoparticles and nanocapsules using comb-like macromolecular RAFT agents: synthesis and functionalization thereof

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Correction for 'Fluorescent core–shell nanoparticles and nanocapsules using comb-like macromolecular RAFT agents: synthesis and functionalization thereof' by Chloé Grazon, *et al.*, *Polym. Chem.*, 2016, DOI: 10.1039/c6py00646a.

The authors regret the error in the brightness values in Table 2 in the original manuscript. The corrected version of Table 2 is as shown below.

Table 2 Physico-chemical properties of FNP with different shells, recorded in water at RT

Shell	FNP	n_{π} ^a	$[\pi]$ ^b , mol L ⁻¹	N_{π} ^c	Fluorescence properties				DLS	TEM		
					Φ_F	$\langle \tau \rangle$ ^d , ns	$\Delta_{1/2}$ ^e , cm ⁻¹	$B \times 10^{-7}$ ^f , M ⁻¹ cm ⁻¹	$D_z(\sigma)$ ^g , nm	D_{TEM} ^h , nm	N_{Agg} ⁱ	D^j , chains per nm ²
PPEOA ₁₁	FNP2	1.3	0.08	—	0.58	4.9	970	—	110 (0.18)	—	—	—
P(AA _{6-co} -PEOA ₆)	FNP3	1.8	0.13	—	0.44	4.2	1230	—	85 (0.19)	—	—	—
P(AA _{11-co} -PEOA ₁₁)	FNP5	1.9	0.10	1960	0.52	4.5	1300	7.4	85 (0.10)	37	1030	0.24
PEO _{45-b} -PAA ₁₅ ^k	FNP10	2.1	0.17	3680	0.24	3.2	980	6.4	80 (0.15)	40	1750	0.35
PEO _{45-b} -PAA ₁₅ ^k	FNP11	1.1	0.08	1930	0.39	4.3	980	5.5	75 (0.12)	40	1750	0.35

^a Average number of BODIPY monomers (π) per polymer chain. ^b Molar concentration of BODIPY monomers (π) per liter of styrene. ^c Average number of π per nanoparticles determined using eqn (SI-3). ^d Average decay time, determined using eqn (1) ($\lambda_{exc} = 495$ nm, $\lambda_F = 543$ nm). ^e Fluorescence spectra full width at half maximum ($\Delta_{1/2}$). ^f Estimated nanoparticle brightness eqn (2). ^g z-Average particle diameter measured by DLS. ^h FNPs' core diameter estimated by TEM. ⁱ Aggregation number calculated with eqn (SI-4) based on TEM diameters. ^j Density of the polymer chains on the FNPs' surface (eqn (SI-4)). ^k Already published results.⁵²

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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