Supporting Information

Zebrafish: A Visual Model to Evaluate the Biofate of Transferrin Receptor-targeted 7Peptide-decorated Coumarin 6 Micelles

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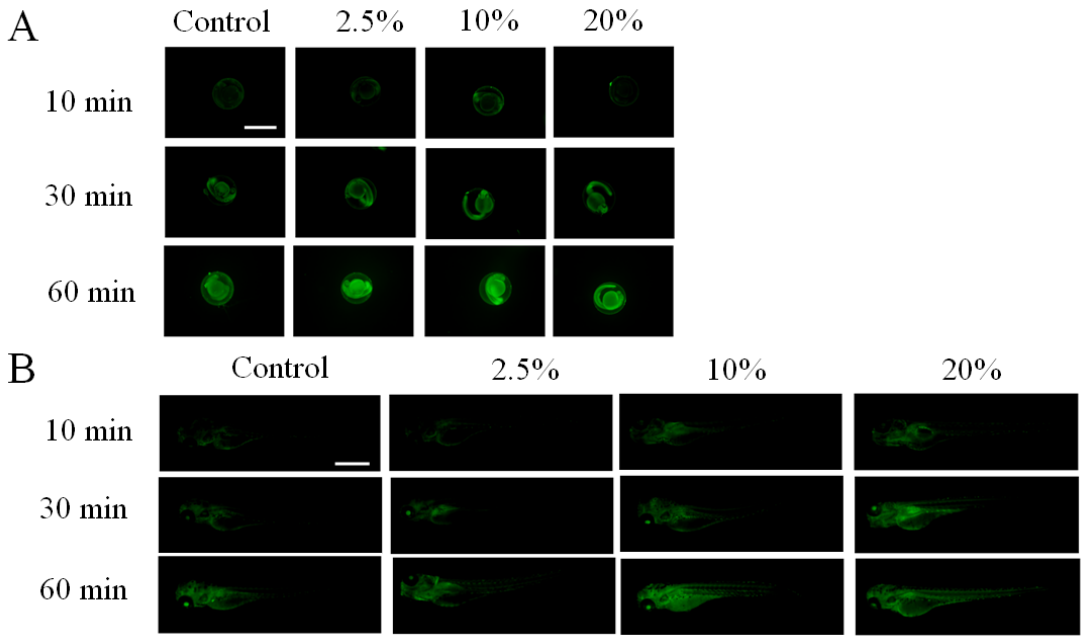

Figure S1. Fluorescence microscope images of zebrafish at 1 dpf (A) and 4 dpf (B) incubated with M-C6 or 7pep-M-C6 for different time intervals. Scale bar: 1 mm.

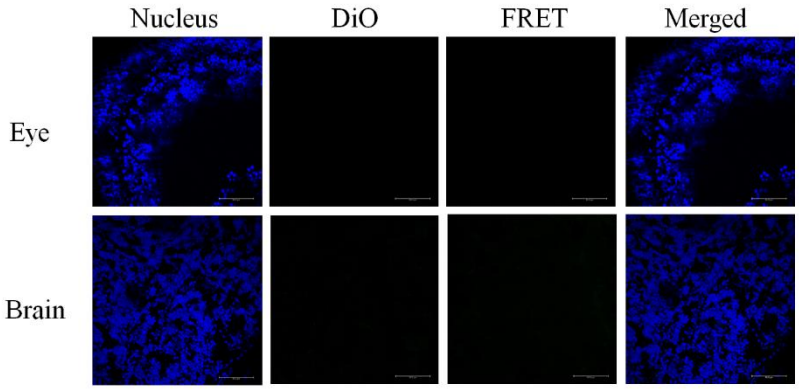

Figure S2. Histological cross-section through the eye and brain of adult zebrafish after oral administration with physiological saline. Cell nuclei (blue) stained with Hoechst 33258. Scale bar: 50μm.

Table S1. FRET efficiency (Eff_{FRET}, %) of 7pep-DiO-DiI-Micelles at different time points in E3 medium, 1mg/ml albumin and 20% serum.

Time	7pep-DiO-DiI-Micelles		
	E3 medium	1mg/ml albumin	20% serum
0 h	47.18 ± 0.16	47.23 ± 0.50	44.13 ± 0.55
1 h	46.23 ± 0.37	46.47 ± 0.73	43.44 ± 0.67
2 h	46.54 ± 0.21	45.96 ± 0.73	43.03 ± 0.55
4 h	46.14 ± 0.15	46.28 ± 0.37	42.91 ± 0.38