Complexes in Context: Attempting to Control the Cellular Uptake and Localisation of Rhenium \textit{fac}-Tricarbonyl Polypyridyl Complexes.

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Electronic Supplementary Information

Structures of complexes 1a-e and 2.

Confocal luminescence and bright-field images of HeLa cells: (a) cells without staining with 1a-e and 2; (b) cells incubated solely with 20 μM 1a (or 1b-e and 2) in DMSO/PBS (pH 7, 1:49, v/v) for 10 min at 25 °C; (c) DIC images of cells shown in (b); (d) overlay image of (b) and (c). The excitation wavelengths are 405 and 488 nm for complexes 1a-e and complex 2, respectively. Images and caption reproduced with permission from ref. 10.
Structure of complexes 5-9.

Structure of complex 18

Structure of complexes 19 (A), 20 (B) and 21 (C).
Crystal structure of complex 58, A looking down the ‘cup’ B from outside.

Structure of complex 62.

Electronic Supplementary Material (ESI) for Dalton Transactions
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Fig. 9 Images of cells co-stained with complex 31-33 (red) FM 4-64 (purple) and “SytoRNA select” (green), with intensity profiles (same colour scheme). Reproduced with permission from ref. 36.

Structure of complex 64 reproduced with permission from ref. 68, with B₁₂ in cartoon form. Full molecular structure of cobalamine B₁₂ alongside.