

Time-resolved infra-red studies of photo-excited porphyrins in the presence of nucleic acids and in HeLa tumour cells: insights into binding site and electron transfer dynamics

Article

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Correction

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Correction: Time-resolved infra-red studies of photo-excited porphyrins in the presence of nucleic acids and in HeLa tumour cells: insights into binding site and electron transfer dynamics

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The TRIR spectrum given in panel b of Fig. 2 in the published version of the manuscript is incorrect. The correct figure is shown below.

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

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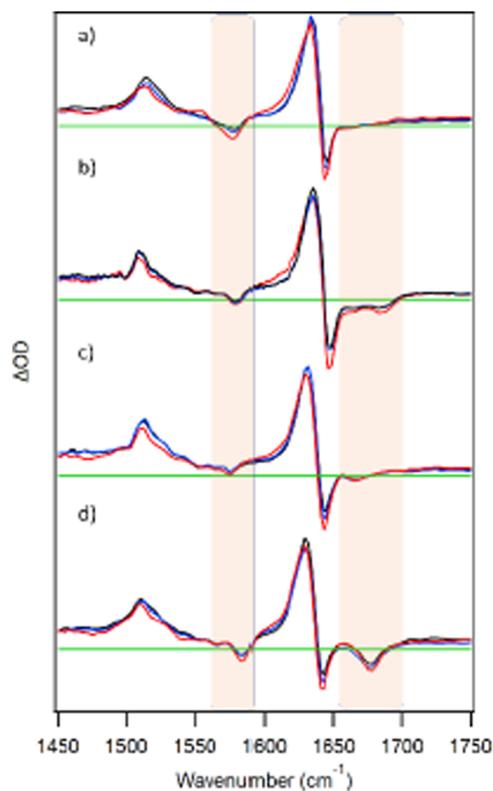


Fig. 2 TRIR spectra at 3 (red), 10 (blue), 50 ps (black) for 500 μM PtTMPyP4 in the presence of nucleic acids (a) 10 mM GMP, (b) 500 μM $\{\text{d}(\text{GC})_5\}_2$, (c) 500 μM $\{\text{d}(\text{CGCAAATTTGCG})\}_2$, (d) c-MYC quadruplex. In buffered (50 mM phosphate pH 7, c-MYC also with 70 mM KCl, D_2O). $\lambda_{\text{exc}} = 400 \text{ nm}$ (0.25–1 μJ). Regions of nucleotide absorption are highlighted and spectra are normalised to the 1636 cm^{-1} transient.

