



Cite this: *Phys. Chem. Chem. Phys.*,
2023, 25, 23316

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

Páraic M. Keane,^{*ab} Clara Zehe,^c Fergus E. Poynton,^{ad} Sandra A. Bright,^{ad} Sandra Estayalo-Adrián,^{ad} Stephen J. Devereux,^c Paul M. Donaldson,^e Igor V. Sazanovich,^e Michael Towrie,^e Stanley W. Botchway,^e Christine J. Cardin,^b D. Clive Williams,^d Thorfinnur Gunnlaugsson,^{ad} Conor Long,^{*f} John M. Kelly^{*a} and Susan J. Quinn^{*c}

DOI: 10.1039/d3cp90155f

rsc.li/pccp

Correction for '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' by Páraic M. Keane et al., *Phys. Chem. Chem. Phys.*, 2022, **24**, 27524–27531, <https://doi.org/10.1039/D2CP04604K>.

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.

^a School of Chemistry, Trinity College Dublin, Dublin 2, Ireland. E-mail: keanepa@tcd.ie, jmkelly@tcd.ie

^b School of Chemistry, University of Reading, Whiteknights, Reading RG6 6AD, UK

^c School of Chemistry, University College Dublin, Dublin 4, Ireland. E-mail: susan.quinn@ucd.ie

^d Trinity Biomedical Sciences Institute, The University of Dublin, Pearse St, Dublin 2, Ireland

^e STFC Central Laser Facility, Research Complex at Harwell, Rutherford Appleton Laboratory, Didcot OX11 0QX, UK

^f School of Chemical Sciences, Dublin City University, Dublin 9, Ireland. E-mail: conor.long@dcu.ie



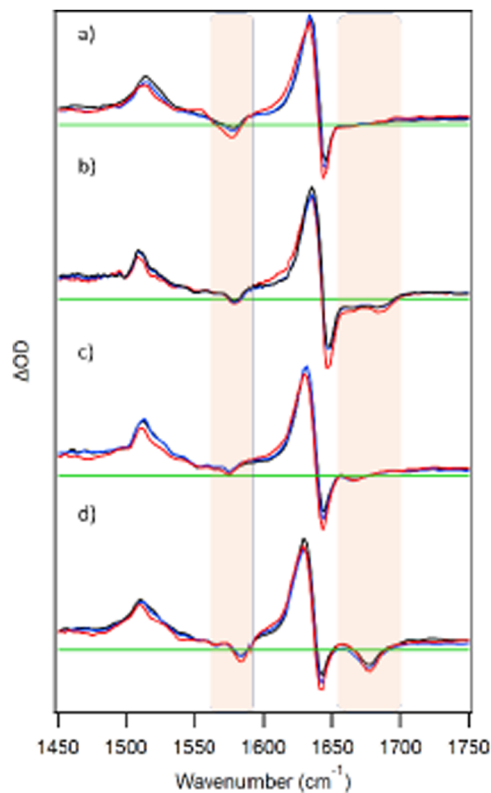


Fig. 2 TRIR spectra at 3 (red), 10 (blue), 50 ps (black) for 500 μM PtTMPyP4 in the presence of nucleic acids (a) 10 mM GMP, (b) 500 μM $\{\text{d}(\text{GC})_5\}_2$, (c) 500 μM $\{\text{d}(\text{CGCAAATTTGCG})_2\}$, (d) c-MYC quadruplex. In buffered (50 mM phosphate pH 7, c-MYC also with 70 mM KCl, 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.

