



Cite this: *Chem. Commun.*, 2023, 59, 2990

DOI: 10.1039/d3cc90069j

rsc.li/chemcomm

## Correction: Distinct photodynamics of $\kappa$ -N and $\kappa$ -C pseudoisomeric iron(II) complexes

Philipp Dierks,<sup>a</sup> Ayla Kruse,<sup>b</sup> Olga S. Bokareva,<sup>bc</sup> Mohammed J. Al-Marri,<sup>bd</sup> Jens Kalmbach,<sup>e</sup> Marc Baltrun,<sup>a</sup> Adam Neuba,<sup>a</sup> Roland Schoch,<sup>a</sup> Stephan Hohloch,<sup>f</sup> Katja Heinze,<sup>g</sup> Michael Seitz,<sup>e</sup> Oliver Kühn,<sup>b</sup> Stefan Lochbrunner<sup>b</sup> and Matthias Bauer<sup>\*a</sup>

Correction for 'Distinct photodynamics of  $\kappa$ -N and  $\kappa$ -C pseudoisomeric iron(II) complexes' by Philipp Dierks et al., *Chem. Commun.*, 2021, **57**, 6640–6643, <https://doi.org/10.1039/D1CC01716K>.

The authors regret that there was a misinterpretation of the experimental data in the reporting of the singlet oxygen sensitization experiments in the original article.

It was originally reported that the complex **Fe1** sensitizes the formation of  $^1\text{O}_2$  with high energy excitation, however it has subsequently been found out by careful optical experiments (emission, excitation) that this reaction is not caused by the complex itself, but a minor fraction of another (luminescent) species, possibly derived from dissociated ligand. This does not affect the overall conclusions of the original article.

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

<sup>a</sup> Faculty of Science, Chemistry Department and Centre for Sustainable Systems Design, Paderborn University, 33098 Paderborn, Germany. E-mail: matthias.bauer@upb.de

<sup>b</sup> Institute of Physics and Department of Life, Light and Matter, University of Rostock, 18051 Rostock, Germany

<sup>c</sup> Department of Physical Chemistry, Kazan Federal University, 420008 Kazan, Russia

<sup>d</sup> College of Engineering, Qatar University, P.O. Box 2713, Doha, Qatar

<sup>e</sup> Institute of Inorganic Chemistry, University of Tübingen, Auf der Morgenstelle 18, 72076 Tübingen, Germany

<sup>f</sup> University of Innsbruck, Faculty of Chemistry and Pharmacy, Institute for General, Inorganic and Theoretical Chemistry, Innrain 80-82, Innsbruck 6020, Austria

<sup>g</sup> Department of Chemistry, Johannes Gutenberg University of Mainz, 55128 Mainz, Germany

