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CORRECTION

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Correction: Molecular stacking dependent phosphorescence–fluorescence dual emission in a single luminophore for self-recoverable mechanoconversion of multicolor luminescence

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Correction for 'Molecular stacking dependent phosphorescence–fluorescence dual emission in a single luminophore for self-recoverable mechanoconversion of multicolor luminescence', *Chem. Commun.*, 2016, DOI: 10.1039/C6CC04901J.

After the publication of this manuscript, the authors were made aware of a number of errors and omissions in the text, references and ESI in their original article. The authors apologize for these errors and wish to make the following corrections.

The author names in ref. 8*a* should be corrected such that the article details are: G. Bergamini, A. Fermi, C. Botta, U. Giovanella, S. DiMotta, F. Negri, R. Peresutti, M. Gingras and P. Ceroni, *J. Mater. Chem. C*, 2013, **1**, 2717. The references shown herein as ref. 1*a* and *b* should also be included as ref. 8*c* and *d* in the original article.

The following sentence should be added to acknowledge these references: 'Herein, a new plan to design RTP–FL dual-emission molecules by harnessing a single asterisk phosphorescent luminophore as a prototype was presented. Persulfurated benzene-cored asterisks have been reported since 1957, and the exceptional aggregation-induced phosphorescence phenomenon was first discovered by the Ceroni group.[8]'

References in the text to π–π stacking should be removed and the following sentences should be modified:

First page, right-hand column, paragraph 3: 'Six amide bonds were incorporated onto the hexathiobenzene core to facilitate the formation of multiple intermolecular hydrogen bonds, to assist the crystallization-induced self-assembly process through establishing appropriate orientation.[9]'

First page, right-hand column, paragraph 4: 'Three end group forms, acetamide (compound **1**), amine (compound **2**) and *N*-methylformamide (compound **3**), were designed for different hydrogen-bonding interactions of the hexathiobenzene core upon self-assembly.'

Third page, left-hand column, paragraph 2: 'In this way, we can figure out that the different self-assembly lengths and molecular stacking of **1** originated from the hydrogen-bonding alternation of the peripheral acetamide group and the hexathiobenzene core. Such a non-covalent competitive effect caused the particular self-assembly patterns. However, compounds **2** (with the amide group) and **3** (with the *N*-methylformamide group) lacked such a competitive driving force.'

Third page, right-hand column, paragraph 4: 'A novel strategy in the design of materials with tunable phosphorescence–fluorescence dual emission *via* crystallization-induced self-assembly was developed at the single luminophore level. Such a self-assembly, driven by multiple hydrogen bonding effects, led to the formation of nanorods with different molecular stacking modes that bore a vibration-restricted effect, thus making the phosphorescence/fluorescence proportion alterable.'

A sentence relating to Fig. 2a on the second page, left-hand column, paragraph 2 should be amended to the following: 'As seen from Fig. 2a, **1** showed a weak greenish emission around 540 nm while no remarkable emission change was observed from DMF solution with water content less than 30%, signifying that compound **1** was then in a state without large aggregates.'

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On the second page, left-hand column, the final sentence in paragraph 2 should be amended as follows: 'The Commission Internationale de l'Eclairage (CIE) color coordinates of the emission spectrum of the mixed solution with 40% water were calculated to be (0.22, 0.25), which are in the blue emission region (Fig. 2b), whereas DLS measurements were difficult to perform because of the non-spherical assemblies.'

The following changes should be made to the ESI:

Section S2: Self-assemblies in solution: The following sentence should be added at the end of the paragraph: 'The compound **1** showed less than 5% impurity due to the difficulty of purification.'

Synthesis of compound 1: The term 'DMSO-d_8' in the ESI should be corrected to 'DMSO-d_6'.

References

1 (*a*) M. Sleiman, A. Varrot, J. M. Raimundo, M. Gingras and P. G. Goekjian, *Chem. Commun.*, 2008, 6507; (*b*) A. Fermi, G. Bergamini, M. Roy, M. Gingras and P. Ceroni, *J. Am. Chem. Soc.*, 2014, **136**, 6395.