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Comment on the article “Investigation of Fluorescence Resonance Energy Transfer between Fluorescein and Rhodamine 6G”

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Abstract

In this comment we, report the missing of relevant literature regarding Forster energy transfer (FRET) between fluorescein and rhodamine 6G in a recent paper (Spectrochim. Acta A, 149 (2015) 143–149). In this paper, the authors claim that “a new FRET pair” has been identified, which is absolutely incorrect. In fact, studies on FRET in this dye pair under different conditions have been done earlier. Further, the estimated critical transfer distance may have uncertainty because of donor quantum yield which is not clarified in the paper.

Key Words: FRET; dye pair; quantum yield

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