

Corrigendum

Corrigendum to: **Identification of a hydrogen bond in the Phe-M197 → Tyr mutant reaction center of the photosynthetic purple bacterium *Rhodobacter sphaeroides* by X-ray crystallography and FTIR spectroscopy (FEBS 23044)**

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A misplacement of figures in the book 'The Photosynthetic Bacterial Reaction Center II: Structure, Spectroscopy, and Dynamics' (Breton, J. and Verméglio, A., Eds., NATO ASI Series A, vol. 237, Plenum Press, New York) has led to a wrong statement in the discussion section of our paper. Due to a mistake of the publishers (not of the editors), figures from p. 143 and p. 148 in the mentioned book had been interchanged. (Reprints of [18], later distributed by the authors, however, were corrected.) Since the corresponding statements in the written text of [18] fully agree with our results, the paragraph in our paper (p. 173, left column): 'In contrast to...' should be replaced by:

'The assignments of the 9-keto C=O modes in the

M197FY mutant RC are in line with the ones proposed in [18]. The electrochemically induced FTIR difference spectrum measured at 10°C shows band patterns well corresponding to the light-induced FTIR difference spectra for chromatophores of this mutant obtained at 100 K in H₂O [18].'

In addition, the sentence from the last line of p. 169 to the second line of p. 170 should read:

'A first band assignment of the P and P⁺ 9-keto carbonyl modes with a splitting of the P⁺ bands was proposed in [18].'

None of the results or of the conclusions in our article are influenced by this fact. The authors of the article regret any inconvenience in this affair.

[☆]PII of original article S0014-5793(99)01614-2.

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