

## ERRATA

---

# Errata: Energy migration alters the fluorescence lifetime of Cerulean: implications for fluorescence lifetime imaging Forster resonance energy transfer measurements

Srinagesh V. Koushik

Steven S. Vogel

Laboratory of Molecular Physiology  
National Institute on Alcohol Abuse and Alcoholism  
Bethesda, Maryland 20852  
E-mail: koushiks@mail.nih.gov  
[DOI: 10.1117/1.2979676]

Due to a publisher oversight, some corrections to the text and equations were not incorporated in this paper [*J. Biomed. Opt.* **13**, 031204 (2008)] prior to its publication. The online paper was replaced on 8 August 2008 by the correct version in its entirety. A listing of the most significant corrections follows here:

(1) The last sentence of the abstract was corrected to “We find a change in the fluorescent lifetime of Cerulean that correlates with energy migration and can result in significant errors when using Cerulean as a donor to measure FRET efficiencies based on fluorescence lifetimes.”

(2) The first sentence of the first paragraph on page 2 was corrected to “Recently fluorescence anisotropy has been used to reveal energy migration between two CFP molecules tethered together by a short poly-peptide linker.”

(3) In line 2 of Sec. 2.2, “22Venus” was changed to “Venus.”

(4) Equation (2) was corrected to:

$$r = \left( \frac{I_{\parallel} - GI_{\perp}}{I_{\parallel} + 2GI_{\perp}} \right) \quad (2)$$

(5) Equation (3) was corrected to:

$$I = I_{\parallel} + 2 \times G \times I_{\perp} \quad (3)$$

(6) In line 19 of the second paragraph in the second column of page 4, “C5A” was corrected to “C5V.”