

## Corrections

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German, Matthew J., Azzedine Hammiche, Narasimhan Ragavan, Mark J. Tobin, Nigel J. Fullwood, Shyam S. Matanhelia, Andrew C. Hindley, Caroline M. Nicholson, Hubert M. Pollock, and Francis L. Martin. 2006. Infrared spectroscopy with multivariate analysis potentially facilitates the segregation of different types of prostate cell. *Biophys. J.* 90:3783–3795.

On page 3791, the final sentence of the legend to Fig. 5 “The 3-D scores plots represent the following: (A) PEC1 on PC1, PC2, and PC4; (B) PEC2 on PC1, PC4, and PC5; (C) PEC3 on PC1, PC2, and PC6; (D) PEC4 on PC2, PC3, and PC4; (E) PEC5 on PC2, PC3, and PC5; and (F) PEC6 on PC1, PC4, and PC5” should read:

“The 3-D scores plots represent the following: (A) PEC1 on PC1, PC2, and PC4; (B) PEC2 on PC1, PC2, and PC4; (C) PEC3 on PC1, PC2, and PC4; (D) PEC4 on PC3, PC4, and PC6; (E) PEC5 on PC1, PC2, and PC4; and (F) PEC6 on PC1, PC2, and PC4.”

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doi: 10.1529/biophysj.106.0900134

Yi Jiang, Jelena Pjesivac-Grbovic, Charles Cantrell, and James P. Freyer. 2005. A multiscale model for avascular tumor growth. *Biophys. J.* 89:3884–3894.

In Table 1, the metabolic rates for glucose for proliferating cells (line 1, column 2) should read 216 (not 162).

In the footnote to Table 1, the unit [mM/h/cm<sup>3</sup>] should read [mM/h].

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D. D. L. Minh, J. M. Bui, C. Chang, T. Jain, J. M. J. Swanson, and J. A. McCammon. 2005. The entropic cost of protein-protein association: a case study on acetylcholinesterase binding to fasciculin-2. *Biophys. J.* 89:L25–L27.

In Tables 1 and 2, the labels for translational and rotational degrees of freedom are switched.

The sentence above Fig. 2, which reads “. . .the rotational entropy of the complex. . .” should read “the translational entropy of the complex.”

The end of the second to the last paragraph, which reads “. . .artificial motions in rotational phase space. . .” should read “. . .artificial motions in translational phase space. . .”

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doi: 10.1529/biophysj.106.0900136

K. Wang, Y. Tu, W.-J. Rappel, and H. Levine. 2005. Excitation-contraction coupling gain and cooperativity of the cardiac ryanodine receptor: a modeling approach. *Biophys. J.* 89:3017–3025.

In Table 2 on page 3019, the unit of  $k_{co}$  and  $k_{ci}$  should be  $/\mu\text{M/s}$ , not  $\mu\text{M/s}$ ; and  $k_{ci} = 0.0125/\mu\text{M/s}$ , not  $0.05 \mu\text{M/s}$ .

There was a small discrepancy in the RyR parameters used in the full model as compared with our simplified model. We have confirmed that altering the parameters makes no significant change in any of our figures and in no way affects our conclusions.

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doi: 10.1529/biophysj.106.0900137

Sarka Malkova, Fei Long, Robert V. Stahelin, Sai V. Pingali, Diana Murray, Wonhwa Cho, and Mark L. Schlossman. 2005. X-ray reflectivity studies of cPLA(2) $\alpha$ -C2 domains adsorbed onto Langmuir monolayers of SOPC. *Biophys. J.* 89:1861–1873

The concentration of KCl used in aqueous buffer was 0.1 M, not 0.1 mM as stated.

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