

Corrections:

L. Felipe Barros and Cristián Martinez. 2007. An enquiry into metabolite domains. *Biophys. J.* 92:3878–3884.

Several equations in our recent article contain minor errors. The correct equations are listed below. The data were not affected, except for the calculated Extension at the L-type Ca^{2+} channel, which becomes 2.5 μm instead of 3.3 μm s (Table 1). This difference does not affect the conclusions of the article. The authors regret the errors.

$$\bar{u} = \frac{a^2 p_1}{b^2 p_2} + \frac{b^2 + ab - 2a^2}{b^2 + ab + a^2} \frac{a^2 p_1}{2b} \quad (6)$$

$$p_2 = \frac{q}{4\pi D b^2 \bar{u} - \frac{b^2 + ab - 2a^2}{b^2 + ab + a^2} \frac{b q}{2}} \quad (9)$$

$$\text{Extension} = b \left[\frac{4\pi D b \bar{u}}{q} + \frac{3b(a+b)}{2(b^2 + ab + a^2)} \right]^{-1} \quad (12)$$

$$\text{Extension} \sim b \left[\frac{4\pi D b \bar{u}}{q} + \frac{3}{2} \right]^{-1} \quad (13)$$

$$\bar{u} = \frac{a^2 p_1}{b^2 p_2} \left[\frac{2c^3 - 3a^2 b^2 p_2 + b^4 p_2 + 2a^3 (b p_2 - 1)}{2(c^3 - a^3)} \right] \quad (15)$$

$$\text{Extension} = b \left[\frac{4\pi D b \bar{u}}{q} + \frac{2c^3 + b^3 - 3a^2 b}{2(c^3 - a^3)} \right]^{-1} \quad (18)$$

$$\text{Extension} \sim b \left[\frac{4\pi D b \bar{u}}{q} + 1 + \frac{1}{2} \left(\frac{b}{c} \right)^3 \right]^{-1} \quad (19)$$

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Ping-Chang Lin, Ulrike Kreutzer, and Thomas Jue. 2007. Anisotropy and temperature dependence of myoglobin translational diffusion in myocardium: implication for oxygen transport and cellular architecture. *Biophys. J.* 92:2608–2620.

Ping-Chang Lin, Ulrike Kreutzer, and Thomas Jue apologize for the use of material, without specific citation and permission, from 2007 *J. Physiol.*: “Myoglobin translational diffusion in rat myocardium and its implication on intracellular oxygen transport”, 578:595–603, in their *Biophysical Journal* article as follows:

Table 1 in the *Biophysical Journal* article contains material from Table 2 in the *Journal of Physiology* article; Fig. 3 A of the *Biophysical Journal* article reproduces Fig. 4 from the *Journal of Physiology* article; and Table 2 of the *Biophysical Journal* article contains material from page 599 in the *Journal of Physiology* article.

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Xin Hu and C. Erec Stebbins. 2006. Dynamics of the WPD loop of the *Yersinia* protein tyrosine phosphatase. *Biophys. J.* 91:948–956.

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