

## Corrections

Jason M. Haugh. 2006. Deterministic model of dermal wound invasion incorporating receptor-mediated signal transduction and spatial gradient sensing. *Biophys. J.* 90:2297–2308.

Equations 8 and 11 contain sign errors. The corrected equations are:

$$\frac{\partial v}{\partial t} = -\nabla \cdot J_v + R_p; \quad J_v = -D_v \nabla v + \left( S_{\text{tax}} - \frac{D_v}{S} \nabla S \right) v. \quad (8)$$

$$J_v = -D_v^* \langle m \rangle \nabla v + (S_{\text{tax}}^* \Delta m - D_v^* \nabla \langle m \rangle) v. \quad (11)$$

These equations were implemented correctly in the numerical calculations.

doi: 10.1529/biophysj.106.0900145

A. O. Eniola, E. F. Krasik, L. A. Smith, G. Song, and D. A. Hammer. 2005. I-domain of lymphocyte function-associated antigen-1 mediates rolling of polystyrene particles on ICAM-1 under flow. *Biophys. J.* 89:3577–3588.

On page 3578, the first sentence of the section “Construction and expression of biotinylated wt LFA-1 I-domain” in Materials and Methods should read:

A BirA enzyme recognition tag (MLGGIFEAMKMEIRD) was fused to the C-terminus of wt L I-domain (Gly-128–Tyr-307) through a Ser-Gly-Gly-Gly linker (18,25–27).

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Yu Zhou, John E. Pearson, and Anthony Auerbach. 2005.  $\Phi$ -Value analysis of a linear, sequential reaction mechanism: theory and application to ion channel gating. *Biophys. J.* 89:3680–3685.

On page 3681, Eq. 9 should be:

$$\kappa_{O \rightarrow C} = \left( 1 + \sum_{i=n}^i \prod_{j=n}^i \frac{1}{r_n} \right)^{-1}.$$

On page 3684, in Scheme 5, the  $O \rightarrow X_6$  rate constant should be 0.012.

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Marco Berrera, Antonino Cattaneo, and Paolo Carloni. 2006. Molecular simulation of the binding of nerve growth factor peptide mimics to the receptor tyrosine kinase A. *Biophys. J.* 91:2063–2071.

The first formula appearing on page 2065 should be:

$$\Delta G_B^E = G_{\text{trkA-d5(Y):NGF:trkA-d5(X)}}^E - G_{\text{NGF:trkA-d5(X)}}^E - G_{\text{trkA-d5(Y)}}^E.$$

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Salvatore Chiantia, Nicoletta Kahya, Jonas Ries, and Petra Schuille. 2006. Effects of ceramide on liquid-ordered domains investigated by simultaneous AFM and FCS. *Biophys. J.* 90:4500–4508.

The actual lipid composition of the samples was DOPC/cholesterol/(SM+Cer) 1:0.67:1 molar ratios, instead of 1:1:1. Consequently, the total lipid amount before the formation of the supported bilayers is overestimated by a factor of  $\sim 10\%$ . Furthermore, the relative amounts of ceramide included in the studied samples should be read as “0, 4.5, 9, 13.5, 18 and 27%”, instead of “0, 4, 8, 12, 16 and 24%”.

These minor corrections, however, have no influence on the conclusions drawn in the article.

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