

Correction

Aiwei Tian, Benjamin R. Capraro, Cinzia Esposito, and Tobias Baumgart. 2009. Bending stiffness depends on curvature of ternary lipid mixture tubular membranes. *Biophys. J.* 97:1636–1646.

Equation 9 on page 1641 should read:

$$\kappa_{\text{eff}} = \kappa_0 - \rho \frac{\left(\frac{\partial \bar{\mu}_1}{\partial C}\right)_0^2 \left(\frac{\partial \bar{\mu}_2}{\partial \phi_2}\right)_0 - 2 \left(\frac{\partial \bar{\mu}_1}{\partial C}\right)_0 \left(\frac{\partial \bar{\mu}_2}{\partial C}\right)_0 \left(\frac{\partial \bar{\mu}_1}{\partial \phi_2}\right)_0 + \left(\frac{\partial \bar{\mu}_2}{\partial C}\right)_0^2 \left(\frac{\partial \bar{\mu}_1}{\partial \phi_1}\right)_0}{\left(\frac{\partial \bar{\mu}_1}{\partial \phi_1}\right)_0 \left(\frac{\partial \bar{\mu}_2}{\partial \phi_2}\right)_0 - \left(\frac{\partial \bar{\mu}_1}{\partial \phi_2}\right)_0 \left(\frac{\partial \bar{\mu}_2}{\partial \phi_1}\right)_0},$$

i.e., the sole difference between Eqs. 6 and 9 is the interpretation of the thermodynamic factor.

Equation 10 on page 1642 should read:

$$\kappa_{\text{eff}} = \kappa_0 - \frac{3}{4} \frac{\left(\frac{\partial \kappa}{\partial \phi_1}\right)_0^2 \left(\frac{\partial \bar{\mu}_2}{\partial \phi_2}\right)_0 - 2 \left(\frac{\partial \kappa}{\partial \phi_1}\right)_0 \left(\frac{\partial \kappa}{\partial \phi_2}\right)_0 \left(\frac{\partial \bar{\mu}_1}{\partial \phi_2}\right)_0 + \left(\frac{\partial \kappa}{\partial \phi_2}\right)_0^2 \left(\frac{\partial \bar{\mu}_1}{\partial \phi_1}\right)_0}{\rho \left\{ \left(\frac{\partial \bar{\mu}_1}{\partial \phi_1}\right)_0 \left(\frac{\partial \bar{\mu}_2}{\partial \phi_2}\right)_0 - \left(\frac{\partial \bar{\mu}_1}{\partial \phi_2}\right)_0 \left(\frac{\partial \bar{\mu}_2}{\partial \phi_1}\right)_0 \right\}} C^2.$$