Correction. In the article "Lateral diffusion of lipids in complex biological membranes" by Timothy J. O'Leary, which appeared in number 2, January 1987, of *Proc. Natl. Acad. Sci. USA* (84, 429–433), the author wishes to correct an error in presentation that appeared in Eqs. 3 and 4. Eq. 3 should read as follows:

$$W(R)/kT = \ln[1 - \pi \sum \rho_i (R + R_i)^2].$$

Eq. 4 should read

$$W(R)/kT = \ln[1 - \pi \sum \rho_i (R + R_i)^2] + 2\pi (\sum \rho_i \gamma_i R_i) R/(1 - \pi \sum \rho_i R_i^2) + \pi P R^2/kT.$$

This error was not carried through in the derivation of subsequent equations and does not affect the results presented in the paper.