Corrections

Pallitto, Monica, and Regina M. Murphy. 2001. *Biophys. J.* 81:1805–1822.

On p. 1813, there is an error in Eq. 19. The correct equation is:

$$\frac{d\lambda_{f2}}{dt} = k_p[I]\{(n+1)^2[N] + 2\lambda_{f1} + \lambda_{f0}\} - k_{-p}\{n^2[f_{n+1}] + (2\lambda_{f1} - \lambda_{f0})\} - pk_{la}\lambda_{f2}\lambda_{f0}^{q-1} + \overline{k'_{ij}}\lambda_{f1}^2 \quad (19)$$

On p. 1815, there are errors in Table 2. The correct Table 2 is printed below.

TABLE 2 Model parameters

Parameter	Value
K_{MD}	$0.64 \pm 0.08\ \mu M^{-1}$
k_M/k_I	$80 \pm 30\ \mu M$
k_D/k_I	0.65 ± 0.15
k_n/k_p	$1.7 \pm 0.1 \times 10^{-9}\ \mu M^{-4}$
k_{la}	$4.7 \pm 0.3 \times 10^{-2}\ \mu M^{-2}\ h^{-1}$
$\delta\omega_{fil}$	$9.8 \pm 0.9 \times 10^{-10}$ cm-rad
$\delta\omega_{fib}$	$1.06 \pm 0.03 \times 10^{-8}$ cm-rad
n	6
p	6
q	3

Palm, Thomas, Sarah Graboski, Sarah E. Hitchcock-DeGregori, and Norma J. Greenfield. 2001. *Biophys. J.* 81:2827–2837.

On p. 2829, there are errors in Table 1. The correct Table 1 is printed below.

TABLE 1 Oligonucleotide primers used to prepare Gly-hcTnT$_{70\text{-}170}$ and to introduce FHC mutations

Primer	Primer sequence
A	5′-CATATGTCGTACTACCATCACCATCACCATCACGATTACGATATCCCAACGACCGAAAACC TGTATTTTCAGGGCATGTCTGACATAGAAGAGGTGGTGG-3′
B	5′-P-TATATCTCCTTCTTAAAGTTAAACAAAATTATTTC-3′
C	5′-TAATAGGATCCATGCATTTTGGGGGTTACATCCAG-3′
D	5′-P-ATCCTCAGCCTTCCTCCTGTTCTCC-3′
E	5′-CCAACGACCGAAAACCTGTATTTTCAGGGCTTCATGCCCAACTTGGTGCCTCCCAAGATC-3′
F	5′-GCTAGTTATTGCTCAGCGGTGGCAG-3′
G	5′-CGATCCCGCGAAATTAATACGACTCAC-3′
H	5′-GATCTTGGGAGGCACCAAGTTGGGCATGAAGCCCTGAAAATACAGGTTTTCGGTCGTTGG-3′

Mutation	Coding primer sequence*	Restriction site
I79N	5′-CCCAACTTGGTA*C*CTCCCAAGAA<u>A</u>CCCCGATGGAGAG-3′	*Kpn*I
R92Q	5′-GACTTTGATGA*TA*TCCACC<u>A</u>GAAGCGCATGGAG-3′	*Eco*RV
R92W	5′-GACTTTGATGA*TA*TCCAC<u>T</u>GGAAGCGCATGGAG-3′	*Eco*RV
R92L	5′-GACTTTGATGA*TA*TCCACC<u>T</u>GAAGCGCATGGAG-3′	*Eco*RV
R94L	5′-CATCCACCGGAAGC<u>T</u>*TT*ATGGAGAAGGACCTG-3′	*Hin*dIII
A104V	5′-GACCTGAATGAG*C*TGCAGG<u>T</u>GCTGATCGAGG-3′	*Pst*I
F110I	5′-GACCTGAATGAG*C*TGCAGGCGCTGATCGAGGCTCAC<u>A</u>TTGAGAACAGG-3′	*Pst*I
ΔE160	5′-GCTGAAGAGAG*A*GCTCGACGA_GAGGAGGAGAACAGGAGGAAG-3′	*Sac*I
E163K	5′-GCTGAAGAGAG*A*GCTCGACGAGAGGAGGAG<u>A</u>AGAACAGGAGG-3′	*Sac*I

*Only the coding primer is shown in this table. These primers were used together with primer F in one primary PCR reaction. The reverse complements of these primers were used together with primer G in the second primary PCR. FHC mutations are underlined, mutations that introduce a silent restriction site are in italics.

Haugh, Jason M. 2002. *Biophys. J.* 82:591–604.

On p. 594, Table 1 is aligned incorrectly. The correct Table 1 is printed below.

TABLE 1 Dimensionless model parameters

Parameter	Definition*		Brief description	Estimated range†
	Two-state	Regulated supply		
κ		k_{RE}/D	Enzyme reaction rate constant	$10^{-3}-10^{3}$
η_R		$s^2 n_R$	Activated receptor density	$10^{-8}-10^{-1}$
η_{RE}		$s^2 n_{RE}$	Receptor-enzyme density	$10^{-8}-10^{-1}$
τ_{RE}		Dt_{RE}/s^2	Receptor-enzyme lifetime	$10-10^{7}$
Da	$(k_a+k_i)s^2/D$	$k_c s^2/D$	Bulk membrane rate constant	$10^{-7}-10^{-1}$
β	0	$(n_{RT}/n_R)\, k_{RT}/s^2 R_{T,0}$	Enhancement of substrate supply	No estimate

*See Fig. 1 for illustrations of the various rate processes.

†Parameter ranges are calculated as follows: k_{RE} is estimated using a k_{cat}/K_M range of 10^4-10^8 $(Ms)^{-1}$ and dividing by a confinement layer of ~3–10 nm; n_R and n_{RE} are estimated as $1-10^6$ molecules in a 10^3-μm^2 membrane; the rate constants k_i, k_c, and t_{RE}^{-1} are given a range spanning $0.01-100\ s^{-1}$; other estimates are $s \sim 3-10$ nm, $D \sim 0.1-1\ \mu m^2/s$.

On p. 595, Eq. 14 is incorrect. The correct Eq. 14 is:

$$\alpha = \kappa \frac{\Psi_{ss}(1)}{\bar{\Psi}_{ss}} + \frac{8}{\pi\tau_{RE}}\left[1 - \frac{\beta Da^*}{\kappa(1+\beta\eta_R)}\right] \times \int_0^\infty \frac{[1 - e^{-(\lambda^2+Da^*)\tau_{RE}}](\lambda^2 + Da^*)^{-2}\lambda\, d\lambda}{\left[J_0(\lambda) + \frac{2\pi\lambda J_1(\lambda)}{\kappa}\right]^2 + \left[Y_0(\lambda) + \frac{2\pi\lambda Y_1(\lambda)}{\kappa}\right]^2}. \quad (14)$$

On p. 598, Eq. 17 is incorrect. The correct Eq. 17 is:

$$\frac{\bar{n}_{S^*}}{n_{S,tot}} = \frac{k_a + k_{RE}^{eff} n_{RE}}{k_a + k_i + k_{RE}^{eff} n_{RE}} = \frac{\frac{k_a s^2}{D} + \alpha\eta_{RE}}{Da + \alpha\eta_{RE}}. \quad (17)$$

On p. 600, Eq. 18 is incorrect. The correct Eq. 18 is:

$$\frac{rate}{R_{T,0}} = \alpha\eta_{RE}\bar{\Psi}_{ss};\ \bar{\Psi}_{ss} = \frac{1+\beta\eta_R}{Da + \alpha\eta_{RE}}. \quad (18)$$