

Correction

NEUROSCIENCE, BIOPHYSICS AND COMPUTATIONAL BIOLOGY

Correction for “Descending pathway facilitates undulatory wave propagation in *Caenorhabditis elegans* through gap junctions,” by Tianqi Xu, Jing Huo, Shuai Shao, Michelle Po, Taizo Kawano, Yangning Lu, Min Wu, Mei Zhen, and Quan Wen, which was first published April 23, 2018; 10.1073/pnas.1717022115 (*Proc Natl Acad Sci USA* 115:E4493–E4502).

The authors note that, on page E4495, Eq. 2 appeared incorrectly. The equation should appear as:

$$\tau_{\eta} = \frac{C_N}{b} \left(\frac{\lambda}{2\pi} \right)^4 \approx \frac{30\eta}{b} \left(\frac{\lambda}{2\pi} \right)^4$$

The authors also note that, in the Supporting Information, page 1, right column, line 3, “ $C_m = 4.5$ nF” should instead appear as “ $C_m = 4.5$ pF;” in the same line, “ $c = 0.6$ mm” should instead appear as “ $c = 0.65$ mm;” and in line 4, $\tau_{\eta} = \frac{C_N}{b} \left(\frac{2\pi}{\lambda} \right)^4 \approx \frac{30\eta}{b} \left(\frac{2\pi}{\lambda} \right)^4$ should instead appear as $\tau_{\eta} = \frac{C_N}{b} \left(\frac{\lambda}{2\pi} \right)^4 \approx \frac{30\eta}{b} \left(\frac{\lambda}{2\pi} \right)^4$.

Also, on page 2 of the Supporting Information, in Equation S14, line 3 appeared incorrectly. That part of the equation should appear as:

$$C_m \frac{dV_{vi}}{dt} = -g_L(V_{vi} - E_L) - g_{Ca}m_{\infty}(V_{vi}) * (V_{vi} - E_{Ca}) - g_{K}n_{vi} * (V_{vi} - E_K) - c'k_{i-1} + g(V_{AVB} - V_{vi}).$$

Also, on page 3 of the Supporting Information, left column, final paragraph, line 5, “ $C_m = 3.0$ nF” should instead appear as “ $C_m = 3.0$ pF;” in the right column, line 1, $\tau_{\eta} = \frac{C_N}{b} \left(\frac{2\pi}{\lambda} \right)^4 \approx \frac{30\eta}{b} \left(\frac{2\pi}{\lambda} \right)^4$ should instead appear as $\tau_{\eta} = \frac{C_N}{b} \left(\frac{\lambda}{2\pi} \right)^4 \approx \frac{30\eta}{b} \left(\frac{\lambda}{2\pi} \right)^4$; in line 3, “ $g_m = 100$ pS” should be deleted; in line 4, “ $\beta = 1$ ” should be deleted and “ $c' = 5 * 10^{-10}$ A/m” should instead appear as “ $c' = 5 * 10^{-16}$ A*m;” and, in line 5, “ $E_0 = -60$ mV” should be deleted. The SI has been corrected online.

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