



Correction to: A critique of the capacitor-based “Transmembrane Electrostatically Localized Proton” hypothesis

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Correction to: Journal of Bioenergetics and Biomembranes

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The original version of this article unfortunately contained mistakes. Below are the list of corrections.

Equation (1): $\Delta\mu_{H^+}$, not $\Delta_{\mu}H^+$. Subscript only the H⁺, not the μ .

All ψ parameters MUST be converted to symbol font, psi.

Last line in paragraph after Eqn (1): $\Delta\psi = \psi_{in} - \psi_{out}$;

All ψ parameters MUST be converted to symbol font, psi.

Next line: remove the “ mark at the beginning of the sentence, in front of Mitchell.

Next line: by dividing both sides of Eq. 1 by $-zF$:

Please add the – sign in front of zF .

The correct Equation (2) should be: $-\Delta\mu_{H^+}/zF = pmf = -\Delta\psi + (2.303RT/zF)\Delta pH$

Footnote 1: On both lines, $\Delta\mu_{H^+}$, not $\Delta\mu H^+$. Subscript the H⁺.

p. 3, L column, 6 lines above the “TELP model predictions vs. experimental measurements” section: omit the “...” after 13.7 to 10.6 mM.

p. 4, R column, Equation (6): $\log(10^{-pH(P,bulk)})_+$;

the – sign must be superscripted along w/ pH

3 lines later, As $\Delta\psi$ approaches zero....

ψ parameter MUST be converted to symbol font, psi

The original article has been corrected.

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