

Erratum

Intracellular neutral carrier-based Ca^{2+} microelectrode with subnanomolar detection limit

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Equation 1 on page 224 and equation 9 on page 225 should have read as follows:

$$A \cdot [\text{M}_{\text{free}}]^2 + B \cdot [\text{M}_{\text{free}}] - C = 0 \quad (1)$$

$$\begin{aligned} \text{where: } A &= K'_{\text{MLapp}} = K'_{\text{ML}} + K'_{\text{MHL}} \cdot K_1 \cdot [\text{H}^+] \\ &= K_{\text{ML}}/\alpha_{\text{H}} + K_{\text{MHL}} \cdot K_1 [\text{H}^+]/\alpha_{\text{H}} \end{aligned}$$

$$B = 1 + K'_{\text{MLapp}} \cdot ([\text{L}_{\text{tot}}] - [\text{M}_{\text{tot}}])$$

$$C = [\text{M}_{\text{tot}}]$$

$$[\text{M}_{\text{tot}}] \cdot (1 + A \cdot [\text{M}_{\text{free}}]) = A \cdot [\text{M}_{\text{free}}]^2 + [\text{M}_{\text{free}}] (1 + A \cdot [\text{L}_{\text{tot}}]) \quad (9)$$

The data presented in Table 1 were calculated with the correct equations.