

# Correction to “Chromanol 293B Binding in KCNQ1 (Kv7.1) Channels Involves Electrostatic Interactions with a Potassium Ion in the Selectivity Filter”

In the above article [Lerche C, Bruhova I, Lerche H, Steinmeyer K, Wei AD, Strutz-Seeböhm N, Lang F, Busch AE, Zhorov BS, and Seeböhm G (2007) *Mol Pharmacol* 71:1503–1511], the authors' corrections to the page proofs were not implemented as a result of a copyediting error. In addition, as the missing corrections were being prepared, a number of other items needing correction were noted. All of the corrections are detailed below.

## Page 1503

In the affiliation line, a period was inserted after the first “S” in “N.S.-S.”, “and” was inserted before the last affiliation, “Saint Louis” was changed to “St. Louis”, and the period at the end of the line was deleted.

In the abbreviations list, line 2, a hyphen was inserted between “voltage” and “clamp” in the definition of TEVC.

## Page 1504

In the first full paragraph of the left column, line 5, “Kv1.3” was inserted between “three-dimensional” and “homology.”

In the second heading under *Materials and Methods*, a hyphen was inserted between “Voltage” and “Clamp”.

In lines 14 and 15 of that section, a space was inserted after “amplifier” and before “(NPI...)”.

## Page 1505

In the first paragraph of the right column, line 11, “ $\mu\text{M}$ ” was inserted after “3.1” and before the comma.

In the next paragraph, lines 16 and 22, a comma was inserted after “Fig. 2A”.

## Page 1506

In Fig. 3H, the asterisk following “KCNQ1(T312S)” and its bar was deleted. In the legend to Fig. 3, line 4, “the” was inserted between “in” and “absence”.

## Page 1507

In the first heading in the left column, “sensitivity” was changed to “Sensitivity”.

In the section *KCNE1 Effects on Channel Gating and 293B Block Can Be Functionally Separated*, in the right column, line 6, “the” was inserted between “in” and “presence”. In line 10, “ $I_{K_a}$ ” was changed to “ $I_{K_a}$ ”.

In the legend to Table 3, the comma after “S.E.M.” was deleted. In the table itself, the following changes were made:

The online version of this article has been corrected in departure from the print version.

The printer regrets these errors and apologizes for any confusion or inconvenience they may have caused.

in the first line after the boxhead, “ $\mu\text{M}$ ” was inserted under “ $\text{IC}_{50}$ ” and “%” was inserted under “Inhibition at 100  $\mu\text{M}$  293B”. In line 2, column 2, the “ $\mu\text{M}$ ” after “ $26.9 \pm 0.8$ ” was deleted. In line 3, column 6, the “%” after “ $49.9 \pm 2.2$ ” was deleted. In line 6, column 3, the “%” after “ $\sim 10$ ” was deleted. In line 11, column 6, “ $\sim 394$ ” was changed to “ $\sim 39$ ”.

## Page 1508

In the right column, line 10, the word “bulky” was deleted.

In Fig. 4, an “L” was inserted before the solidus (/) in “KCNQ1(V307/I337V)”. In the legend to Fig. 4, lines 3 and 4, the hyphens in “293B-sensitivity” were deleted. In line 5, the parentheses around “KCNQ1(V307L/I337V)” were changed to square brackets.

In Table 4, a period was inserted at the end of the legend, and the stray period in the footnote was deleted.

## Page 1509

In the right column, line 10, an “s” was added to “oxygen”.

In the legend to Fig. 5, line 1, the hyphen between “A” and “F” was changed to an N-dash (i.e., from - to –). In line 6, “2” was changed to “two”. In line 13, a hyphen was inserted between “right” and “hand”.

## Page 1510

In the right column, line 10 from the bottom, “Jr” was deleted after “George” in the reference citation.

In Table 5, in the boxhead, “component” was changed to “Component”. In footnote a, a period was added to the end of the sentence.

## Page 1511

In the reference list, the Zhou references were put in the correct order per journal style: Zhou M and Mackinnon, 2004a; Zhou Y and Mackinnon, 2003; Zhou Y and Mackinnon, 2004b; and Zhou Y, Morais-Cabral JH, et al.