



Correction

Correction: Signaling Role of Prokineticin 2 on the Estrous Cycle of Female Mice

The *PLOS ONE* Staff

Figures 2, 5, 6, and 7 are in the incorrect order. The publisher apologizes for these errors. The figure legends are correct. The correct versions of Figures 2, 5, 6, and 7 can be viewed here.

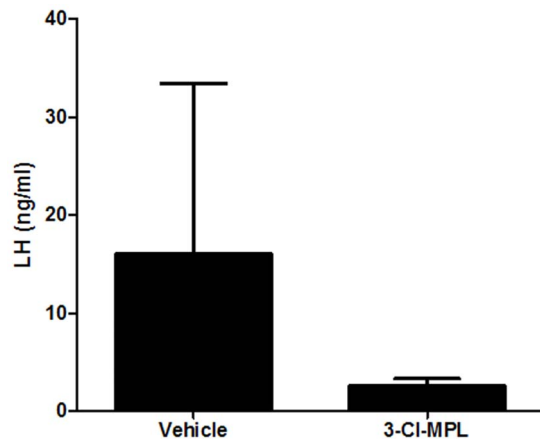


Figure 2. PKR2 antagonist reduced plasma LH levels (Mean \pm S.E.). The LH levels in the PKR2 antagonist (10 mg/kg 3CI-MPL) group were significantly reduced compared to the vehicle treatment ($n = 6$ for each group, $p < 0.01$).
doi:10.1371/journal.pone.0090860.g002

Citation: The *PLOS ONE* Staff (2014) Correction: Signaling Role of Prokineticin 2 on the Estrous Cycle of Female Mice. *PLoS ONE* 9(5): e98314. doi:10.1371/journal.pone.0098314

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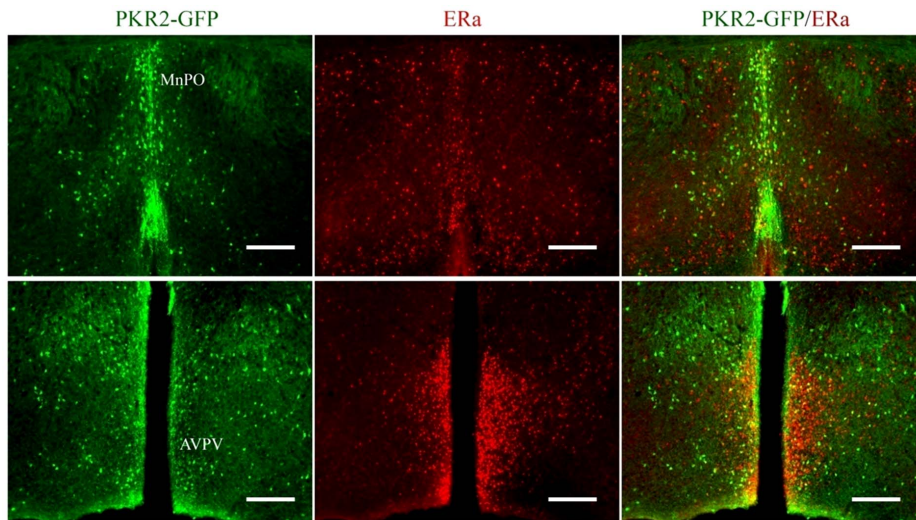


Figure 5. The coexpression of PKR2 and ER α in the preoptic area. PKR2 and ER α were detected by immunofluorescence staining. PKR2-GFP expression was shown in green and ER α expression was shown in red. Yellow or orange color in the MnPO and AVPV regions indicates likely co-expression of PKR2 and ER α (scale bars:100 μ m).
doi:10.1371/journal.pone.0090860.g005

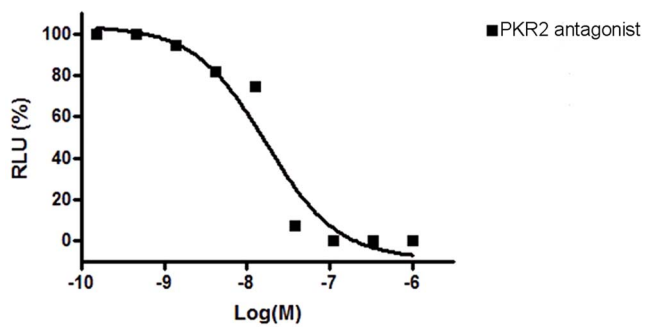


Figure 6. Potency of PKR2 antagonist, 3CI-MPL, in antagonizing PKR2. Antagonist potency was examined in Chinese Hamster Ovary (CHO) cells that stably express PKR2. RLU is an index for calcium influx measurement with a luminescence-based assay. The IC₅₀ of 3CI-MPL for PKR2 were 24.9 \pm 4.3 nM(Mean \pm S.E.). Shown was representative of three independent experiments.
doi:10.1371/journal.pone.0090860.g006

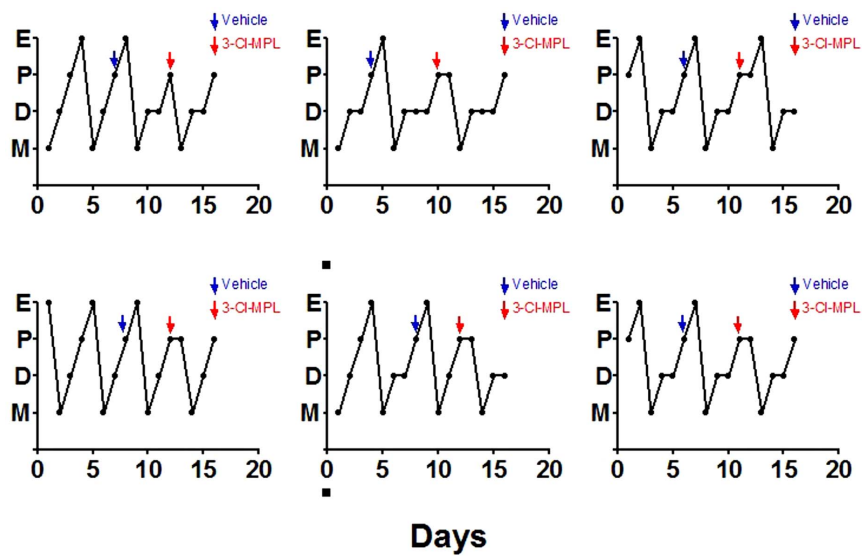


Figure 7. Blocking of estrous cycle by PKR2 antagonist treatment. The administration of 3Cl-MPL (shown in red arrows) prevented the progression to estrous stage. Vehicle treatment was shown by blue arrows. E: estrus, P: proestrus, D: diestrus, M: metestrus. doi:10.1371/journal.pone.0090860.g007

Reference

1. Xiao L, Zhang C, Li X, Gong S, Hu R, et al. (2014) Signaling Role of Prokineticin 2 on the Estrous Cycle of Female Mice. PLoS ONE 9(3): e90860. doi:10.1371/journal.pone.0090860