Environmental Science and Pollution Research (2024) 31:23305
https://doi.org/10.1007/s11356-024-32774-4

RETRACTION NOTE

Retraction Note: Ketamine exerts neurotoxic effects on the offspring of pregnant rats via the Wnt/β-catenin pathway

Xintong Zhang[1] · Jinghua Zhao[1] · Tian Chang[1] · Qi Wang[1] · Wenhan Liu[1] · Li Gao[1]

Published online: 6 March 2024

Retraction Note: Environmental Science and Pollution Research (2019) 27:305-314
https://doi.org/10.1007/s11356-019-06753-z

The Editor-in-Chief has retracted this article after concerns were raised about image overlap in Figures 3 and 4. The authors failed to provide raw images and ethical approval documents. The Editor-in-Chief has lost confidence in their data.

- Image overlap between Figure 3a and Figure 2a of [1].
- Partial image overlap between Figure 2e and Figure 2e of [1].
- Image overlap between Figure 4d and Figure 3b of [1].

None of the authors have responded to any correspondence from the editor/publisher about this retraction

References

1. Li X, Guo C, Li Y, Li L, Wang Y, Zhang Y, Li Y, Chen Y, Liu W, Gao L (2017) Ketamine administered pregnant rats impair learning and memory in offspring via the CREB pathway. Oncotarget 8:32433–32449. Retrieved from https://www.oncotarget.com/article/15405/text/

The original article can be found online at https://doi.org/10.1007/s11356-019-06753-z.

✉ Li Gao
gaoli43450@163.com

[1] College of Veterinary Medicine, Northeast Agricultural University, Harbin 150030, People's Republic of China