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Retraction Notice to: A Monoclonal Antibody that Targets a $Na_V1.7$ Channel Voltage Sensor for Pain and Itch Relief

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In this publication, using *in vitro* and *in vivo* approaches, we described and characterized a monoclonal antibody (mAb) that binds to the voltage sensor of the sodium channel subtype Nav1.7 and inhibits channel function. A follow-up study by Liu et al. reported that a similar but distinct recombinant mAb targeting Nav1.7 did not show significant *in vitro* activities (Liu et al., 2016, F1000 Res. *5*, 2764, https://doi.org/10.12688/f1000research.9918.1), which prompted us to re-examine our previous results. In the process, we found irregularities in some of the raw data used for the published *in vitro* results, and we notified our institution, Duke University, about the irregularities. The institution subsequently appointed an *ad hoc* committee that concluded that the first author, Jun-Ho Lee, fabricated and/or falsified the results in Figures 3A, 3C, 3D, and 4. While subsequent work has both clarified the distinct *in vitro* activities of the two antibodies and confirmed the *in vivo* activity of our antibody (Bang et al., 2018, Neurosci. Bull. *34*, 22–41, https://doi.org/10.1007/s12264-018-0203-0), we feel that the responsible course of action is to retract our paper because it contains falsified data. We sincerely apologize to the scientific community for the inconvenience and confusion that we have caused.

The first author, Jun-Ho Lee, did not respond to the request to sign this retraction.

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