

Sleep deprivation treatment?

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Date Thursday, April 27th, 2023 at 4:43 AM

Dear JNeurosci

Regarding the article:

Wong, Lik-Wei, Jason Y. Tann, Carlos F. Ibanez, and Sreedharan Sajikumar. 2019. "The P75 'Neurotrophin Receptor Is an Essential Mediator of Impairments in Hippocampal-Dependent Associative Plasticity and Memory Induced by Sleep Deprivation.", *The Journal of Neuroscience* **39** (28): 5452–65. <https://doi.org/10.1523/JNEUROSCI.2876-18.2019>.

[1] Never mind the WBs and that science is controlled experiments, we are looking into that and can come back to it later.

[2] Never mind that the article appears to be communicating that 'a brain factor involved with pretty much everything also affects LTP'.

[3] What I urgently wish to know is how did the following statement pass review:

"...Our study has thus identified...as a promising target to limit the cognitive deficits associated with SD..."

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[4] In the 'experiments' (the quotation marks are necessary since at present the 'study' does not appear to be controlled), mice were kept awake by tapping, poking with a brush or finger, or handling. In humans, such activity is associated with 'torture'.

[5] Singapore is an authoritarian and sadistic regime, I know this from experience. One may assume that Singapore authorities are interested in retrieving memories of subjects tortured by sleep deprivation. In such a case, the 'study' in question might make sense. Were the reviewers also from sadistic and authoritarian regimes interested in retrieving memories of sleep deprived individuals?

If you may please address this concern, I may not be deprived of sleep further.

Thank you,
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P.S. Hey Kevin, remember me? You got upset when I cut a wire on the lab bench, I suppose you were worried about the bench. I did not mention it at the time - Juha taught me everything I know in these matters, it's one of the reasons I'm still alive. And anyways, I saw the same bench a decade later, it's good.

P.P.S. I suppose it makes sense to have more than one Editor in the same University in the age of COVID. But Kastner and Fiebelkorn are co-authors? If you are having trouble finding eds, I'm available.