

Review of: "A Sleep Disturbance Method Using Novel Objects in the Home Cage to Minimise Stress"

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Potential competing interests: No potential competing interests to declare.

Dear Author,

The manuscript entitled "A Sleep Disturbance Method Using Novel Objects in the Home Cage to Minimise Stress" presents a topic that may interest readers of the journal. The results showed that during the four hours of sleep disturbance (SD), the mice were efficiently sleep-deprived on the first and seventh day of SD. Therefore, the selected objects efficiently sleep restricted the mice. On the first day of SD, the protocol induced a sleep deprivation effect when measured over 24h, but by the seventh day, the mice recovered the sleep loss. Thus, this method is a subchronic sleep disturbance and not sleep deprivation. Fecal corticosterone concentrations remained unchanged during the seven days of SD. Although I consider this an interesting topic, I would like to make some comments about the present manuscript below:

Introduction

1. In the introduction, the authors need to be more explicit about the real justifications for the review. Also, why is a study of this topic essential? Why this topic and not other methods?