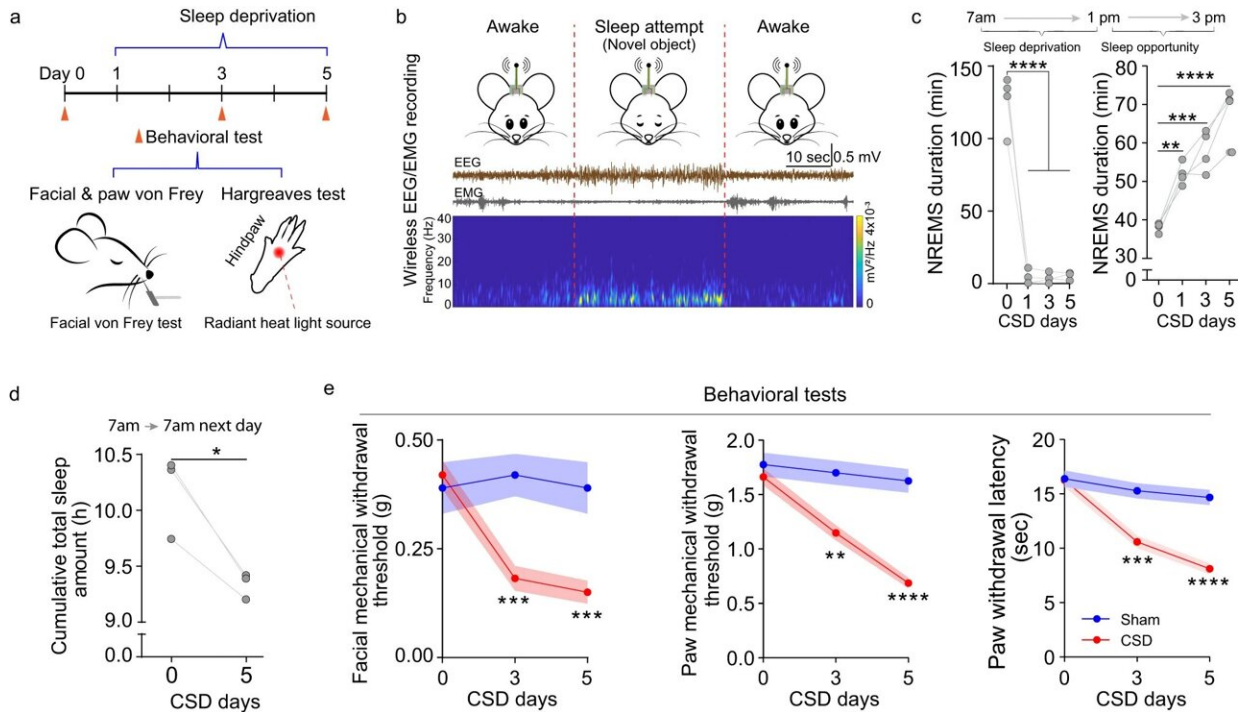


Research reveals how sleep disruption can exacerbate pain

October 25 2023



CSD induces hyperalgesia. **a** Experimental diagram of the sleep deprivation experiment and behavioral testing. **b** Sample EEG recording using wireless EEG recording. Brown line-EEG trace. Gray line-EMG trace. A representative sleep attempt on EEG and EMG traces during sleep deprivation. Lower panel: time-frequency representation of an EEG signal (spectrogram) showing increased slow activity (0.5–4 Hz) during a manually detected sleep attempt. **c** Duration of non-REM sleep during the sleep deprivation session (7 am–1 pm; $n = 4$ mice; Day 0 vs day 1, 3, 5 p

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