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ACCEPTED MANUSCRIPT

WAKEFULNESS RATHER THAN SLEEP BENEFITS EXTINCTION OF AN

INHIBITORY OPERANT CONDITIONING MEMORY IN APLYSIA

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Highlights:

- We tested extinction of operant conditioning ("learning that food is inedible", LFI) in Aplysia.
- Extinction memory was stronger after a 17-hour wake than sleep retention interval.
- Wakefulness might act by accelerating forgetting of the original LFI memory.

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