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Review

Circadian insights into dopamine mechanisms

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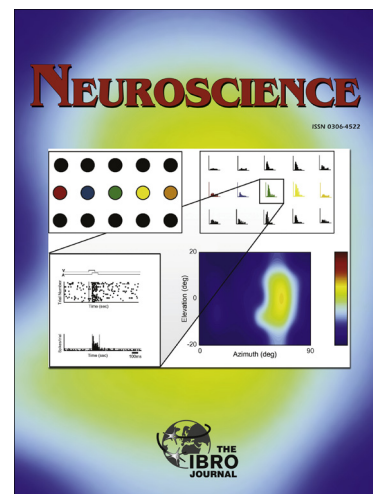
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Circadian insights into dopamine mechanisms

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Highlights

- Dopamine is implicated in motor and motivational functions.
- Both dopaminergic system and behavior display daily variations.
- These rhythms are mainly controlled by the hypothalamic suprachiasmatic circadian clock.
- Dopaminergic signaling can feedback and affect the suprachiasmatic clock activity.
- Chronotherapeutic approaches may be relevant for dopamine-related neurologic pathologies.

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