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Review article

Dual-transmitter systems regulating arousal, attention, learning and memory

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Highlights:

- Acetylcholine and GABA co-transmission may control cortical plasticity and learning.
- Histamine and GABA co-transmission are necessary for appropriate wakefulness.
- Orexin and glutamate co-transmission may function to stabilize wakefulness.
- Relaxin-3 and GABA co-transmission influence stress-related arousal and behaviours.

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