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Title: ESCALATION IN HIGH FAT INTAKE IN A BINGE EATING MODEL DIFFERENTIALLY ENGAGES DOPAMINE NEURONS OF THE VENTRAL TEGMENTAL AREA AND REQUIRES GHRELIN SIGNALING

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**ESCALATION IN HIGH FAT INTAKE IN A BINGE EATING MODEL DIFFERENTIALLY
ENGAGES DOPAMINE NEURONS OF THE VENTRAL TEGMENTAL AREA
AND REQUIRES GHRELIN SIGNALING**

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Highlights

- Four daily accesses to HFD for 2 h induce hyperphagia with an escalating profile.
- Four daily accesses to HFD for 2 h induce differential activation of neurons of the mesolimbic pathway.
- Four daily accesses to HFD for 2 h induce activation of the hypothalamic orexin neurons.
- Orexin signaling blockage fails to affect escalation of HFD intake.

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