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LHb recordings

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Asa Mackenzie¹

¹Lund University



Åsa Wallén-Mackenzie

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We use this protocol and it's working

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Abstract

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- 1 An optic fiber and a recording pipette filled with either 2% pontamine sky blue or 2% neurobiotin were respectively positioned in the STN and LHb.
- 2 For each LHb neurons, a PSTH was recorded upon STN optogenetic stimulation (PSTH 0.5 Hz, 5 ms pulses, 5–8 mW) for at least 100 s.
- 3 Neurons are considered as excited during the PSTH protocol when, following the light pulses centered on 0, the number of spikes/5ms bin is higher than the baseline (500 ms–0 ms) plus two times the standard deviation.
- 4 Injection of neurobiotin (2% neurobiotin in 0.5 M acetate sodium) by juxtacellular iontophoresis was performed in some cases for precise spatial identification of excited neurons.