

Talk title: Primate mediodorsal thalamus: cortico-thalamocortical connectivity and functional contributions to learning and decision-making

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Abstract: The mediodorsal thalamus works in partnership with the interconnected cortex to support cognitive functioning. While we know a lot about the functioning of the frontal cortex in everyday tasks, like learning, planning, updating, and decision making, the contribution of the mediodorsal thalamus is still being identified. I'll present our current understanding about thalamocortical and corticothalamic connectivity centred on the mediodorsal thalamus, as well as discussing primate neuroscience research that investigates how the mediodorsal thalamus supports the frontal cortex during learning and decision-making.