



Preliminary title - **Inhibitory control of visually-guided instinctive behaviour**

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Preliminary Abstract

Producing flexible behavioural responses to changing environmental demands is an essential hallmark of the mammalian brain. Animals can react differently to the same sensory information depending on the behavioural circumstances and their previous experience. However, the neuronal mechanisms of how control of behaviour is achieved are still unclear. My lab is interested in how sensory signals are integrated with other information to interpret sensory input and guide behavioural responses. In my talk I will focus on thalamic inhibitory circuits and how they can regulate sensory-evoked behaviour to allow flexible reactions to environmental challenges.