

Hosted by the Neuroscience Theme at the Department of Biomedicine

Orbitofrontal Contributions to Model-Based Behavior

Research across species has shown that the orbitofrontal cortex (OFC) plays a crucial role in decision making. But what exactly is its role? In this talk, Thorsten Kahnt will present findings from functional neuroimaging studies showing that the human OFC encodes associative information—essentially a cognitive map of potential outcomes. This map allows us to simulate possibilities and make inferences about situations we've never directly encountered.

You'll also hear about cutting-edge work using network-targeted brain stimulation to disrupt OFC function, revealing how it affects different types of decision-making.



Thorsten Kahnt

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