

Harm Krugers, University of Amsterdam

<https://www.uva.nl/en/profile/k/r/h.krugers/h.krugers.html>



Coping with stressful events requires appropriate cognitive processing in order to promote behavioural adaptation. The overarching goal of their lab is to understand how individuals adapt to stressful and emotionally arousing events and how resilience and vulnerability to develop stress-related disorders is determined.

To address these questions, the Krugers lab exploits and combines animal behavior (memory, social interactions) with studies on synapses and neuronal ensembles (engrams) using electrophysiology, viral transfections, DREADDs, and molecular / biochemical tools. More recently, the lab also performs translational studies on fear and fear generalization in humans and healthy aging in humans.

Harm Krugers is Associate Professor at Swammerdam Institute for Life Sciences (SILS). He is Program Director of the Research Master Brain and Cognitive Sciences, board member of Amsterdam Brain and Cognition (ABC); Chair of the Society for Interdisciplinary Behavioural Research (SIGO) and Executive board member of FENS.