

## List of Publications

Undeger I, Visser RM, Becker N, de Boer L, Golkar A, Olsson A. (2021). Model-based representational similarity analysis of blood-oxygen-level-dependent fMRI captures threat learning in social interactions. *Royal Society Open Science*, 8(11).

Yafeng, P., Olsson, A., Golkar, A. (2020). Social safety learning: Shared safety abolishes the recovery of learned threat. *Behavioral Research and Therapy*, 135, 103733.

Lindström, B.R., Golkar, A., Jangard, S., Tobler, P.N., & Olsson, A. (2019). Social threat learning transfers to decision making in humans. *Proceedings of the National Academy of Sciences*, 116 (10).

Tamm, S., Nilsson, G., Schwartz, J., Golkar, A., Kecklund, G., Petrovic, P., Fischer, H., Åkerstedt, T., Lekander, M. (2019). Sleep restriction caused impaired emotional regulation without detectable brain activation changes—a functional magnetic resonance imaging study. *Royal Society Open Science*, 6(3).

Haaker, J<sup>+</sup>, Golkar, A<sup>+</sup>, Selbing, I<sup>+</sup>, & Olsson, A. (2017). Assessing social transmission of threats in humans using the observational fear conditioning procedure, *Nature protocols*, 12(7), 1378-1386. <sup>+</sup> = Equal contribution

Golkar, A., & Olsson, A. (2017) The interplay between social group biases in social threat learning. *Scientific reports*, 7(1), 7685.

Golkar, A., Tjaden, C., & Kindt, M. (2017). Vicarious extinction during reconsolidation neutralizes fear memory. *Behavior Research and Therapy*, 22, 87-93.

Nilsson, G., Tamm, S., Golkar, A., Sörman, K., Howner, K., Kristiansson, M., Olsson, A., Ingvar, M., & Petrovic, P. (2017) Effects of 25 mg oxazepam on emotional mimicry and empathy for pain: a randomized controlled experiment *Royal Society Open Science*. 4(3):160607.

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Golkar, A., & Olsson (2016). Immunization against social fear learning. *Journal of Experimental psychology: General*, 145, 665-71.

Molapour, T., Golkar, A., Navarrete, C.D., Haaker, J., & Olsson, A. (2015). Neural correlates of biased fear learning and social interaction in an intergroup context. *NeuroImage*, 121, 171-83.

Petrovic, P., Ekman, C-J., Klahr, J., Tigerström, L., Rydén, G. Golkar, A., Olsson, A., Öhman, A., Ingvar, M., Landén, M. (2015). Significant gray matter changes in a region of the orbitofrontal cortex in healthy participants predicts emotional dysregulation. *Social Cognitive and Affective Neuroscience*, 11(7), 1041-1049.

- Lindström, B., Golkar, A., & Olsson, A. (2015). A clash of values: Fear-relevant stimuli can enhance or corrupt adaptive behavior through competition between Pavlovian and instrumental valuation systems. *Emotion* 15(5):668-76.
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- Lindström, B., Mattson-Berglund, I., Golkar, A., & Olsson, A. (2013). In your face: Risk of punishment enhances cognitive control and error-related activity in the corrugator supercillii muscle. *PLoS ONE*, 8(6).
- Golkar, A., Selbing, I., Flygare, O., Öhman, A., & Olsson, A. (2013). Others as means to a safe end: Vicarious extinction blocks the return of learned fear. *Psychological Science*, 24(11).
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