Title: The role of the amygdala in enhanced remembrance of negative episodes and acquired negativity of related neutral cues

Authors: R. Admon, S. Vaisvaser, N. Erlich, T. Lin, I. Shapira-Lichter, E. Fruchter, T. Gazit, T. Hendler

PII: S0301-0511(18)30332-6
DOI: https://doi.org/10.1016/j.biopsycho.2018.09.014
Reference: BIOPSY 7598

To appear in:

Received date: 18-10-2017
Revised date: 15-8-2018
Accepted date: 30-9-2018

Please cite this article as: Admon R, Vaisvaser S, Erlich N, Lin T, Shapira-Lichter I, Fruchter E, Gazit T, Hendler T, The role of the amygdala in enhanced remembrance of negative episodes and acquired negativity of related neutral cues, *Biological Psychology* (2018), https://doi.org/10.1016/j.biopsycho.2018.09.014

The role of the amygdala in enhanced remembrance of negative episodes and acquired negativity of related neutral cues

Running head: Cue triggered aversive recall by amygdala

Admon R[1*], Vaisvaser S[2*], Erlich N[2], Lin T[2], Shapira-Lichter I[2], Fruchter E[3], Gazit T[2], Hendler T[2,4]

[1]Department of Psychology, University of Haifa, Haifa, Israel, 3498838

[2]Sagol Center for Brain Function and Informatics, Wohl Institute for Advanced Imaging, Sourasky Medical Center, Tel Aviv, Israel, 64239

[3]Department of Psychiatry, Rambam Medical Center, Haifa, Israel, 31096

[4]School of Psychological Science, Faculty of Medicine and Sagol School of Neuroscience, Tel-Aviv University, Tel Aviv, Israel, 69978

*These authors have contributed equally

Correspondence: Talma Hendler, M.D. Ph.D. Director, Sagol Center for Brain Function and Informatics, Wohl Institute for Advanced Imaging, Tel-Aviv Sourasky Medical Center, 6 Weizmann Street, Tel-Aviv 64239, Israel.

Tel: +972-36973953 Fax: +972-36973080 E-mail: talma@tlvmc.gov.il

Highlights:

- A novel naturalistic fMRI task that involve 4 phases: Picture-Clip-Picture-Recall