ELSC-ICNC Seminar: Rony Paz

December 1, 2011

On the topic of: Persistence and perception of aversive memories

ELSC & ICNC cordially invite you
to the lecture given by:

Rony Paz
Dept. of Neurobiology, Weizmann Institute of Science

On the topic of:

"Persistence and perception of aversive memories"

The lecture will be held on Thursday, December 1st
at 17:00, at ELSC-ICNC: Silverman Bldg., 3rd Wing, 6th Floor, Edmond J. Safra Campus

Light refreshments at 16:45

Abstract:

I will briefly describe 3 different projects: 1. How aversive learning affects perceptual discrimination thresholds, for both primary and secondary (monetary) reinforcers; 2. What neural mechanisms can help an aversive memory be immuned to extinction i.e. what makes it persistent; 3. How we can prevent spontaneous recovery of aversive memories by deep-brain-stimulation. I will focus on the amygdala-medial-prefrontal pathway as a main mediator of these processes and try to suggest how they can all be related to posttrauma-disorders.
Our Int'l Ph.D. program provides outstanding students with top-notch courses in computational neuroscience.

The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

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