ELSC-ICNC Seminar: Gal Richter-Levin

December 27, 2012

On the topic of: Stress and Amygdala Modulation of Hippocampal Plasticity ? Potential Relevance to PTSD

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

**Gal Richter-Levin**
The Sagol Department of Neurobiology and The Department of Psychology, The Institute for the Study of Affective Neuroscience (ISAN), University of Haifa

On the topic of:

"Stress and Amygdala Modulation of Hippocampal Plasticity ? Potential Relevance to PTSD"

The lecture will be held on Thursday, December 27, 2012 at 17:00, at ELSC-ICNC: Silverman Bldg., 3rd Wing, 6th Floor, Edmond J. Safra Campus

Light refreshments at 16:45

**Abstract:**

Emotional modulation of memory processes is an important aspect of normal memory formation. Distorted emotional modulation of memory processes may contribute to the development of psychopathologies such as PTSD.

The amygdala mediates some of the effects of stress on memory. The talk will describe research into the way amygdala and stress mediate memory processes in the hippocampus, and the potential relevance to our understanding of the neuropathology of PTSD. Combining behavioral, biochemical and electrophysiological methodologies in animal models, questions related to the dual (suppressing or enhancing) effects of stress on memory, and to the potential role of GABAergic interneurons will be addressed.
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