ELSC-ICNC Seminar: Yoram Ben-Shaul

April 19, 2012

On the topic of: Studying the neuronal events and circuits that mediate social behaviors

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

**Yoram Ben-Shaul**
Department of Medical Neurobiology, Faculty of Medicine, HU

On the topic of:

"Studying the neuronal events and circuits that mediate social behaviors"

The lecture will be held on Thursday, April 19, 2012
at 17:00, at ELSC-ICNC: Silverman Bldg., 3rd Wing, 6th Floor, Edmond J. Safra Campus

Light refreshments at 16:45

**Abstract:**

Proper processing of reproductive cues is crucial for directing adaptive behavioral and physiological responses. In many animals, including mice, the vomeronasal chemosensory system plays a crucial role in this process. In my talk, I will describe my efforts to understand how reproductively relevant information is represented in the olfactory bulb, the amygdala and the hypothalamus. Together, these brain regions comprise a neuronal circuit that maps sensory inputs to behavioral outputs. Thus, understanding how information is represented in each of these distinct regions provides a basis for understanding the neuronal computations that take place within this circuitry.
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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