ELSC-ICNC Seminar: Daniela Kaufer

December 20, 2012

On the topic of: "The role of adult hippocampal stem cells in stress, fear and emotional memory"

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

Daniela Kaufer
Department of Integrative Biology & Helen Wills Neuroscience Institute, UC Berkeley

On the topic of:

"The role of adult hippocampal stem cells in stress, fear and emotional memory"

The lecture will be held on Thursday, December 20, 2012
at 17:00, at ELSC-ICNC: Silverman Bldg., 3rd Wing, 6th Floor, Edmond J. Safra Campus

Light refreshments at 16:45

Abstract:

While the developing brain often receives the most credit for ability to change in response to the environment, the adult CNS is also characterized by a great deal of plasticity. The ability to create new cells - known as neurogenesis and gliogenesis - is one of the most unique and intriguing aspects of adult CNS plasticity both because it reveals a unique cell population that continues to proliferate beyond development and because it is highly sensitive to environmental input. In this seminar I will present recent research efforts in my lab studying the regulation of adult stem cell in the hippocampus - their proliferation, differentiation, functional maturation and integration into existing circuitry, and their involvement in stress, fear, and potential to influence mental health.
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