Experience-Dependent Plasticity in Reward Circuits

Biography

The lab is newly renovated and up-and-running with state-of-the-art equipment and passionate investigators!

We are actively recruiting [highly motivated investigators at the PhD and Postdoc level](#)

Read more [³]

Research

We study how the nervous system encodes experience. Our main model system addresses the development of the response to cocaine experience. Our uniquely multidisciplinary applies knowledge gained from studying the principles of dynamic gene regulation to investigation of neural circuit organization underlying the development of addictive behaviors. Understanding the mechanisms defining neural circuit organization in addiction will lead to unique insight into how the brain encodes experience and is expected to impact the treatment of psychiatric disorders.

Read more [³]

ELSC Friends

It is now widely accepted that deciphering the enigma of the brain is the most challenging intellectual endeavor of the 21st century, "The Century of the Brain" - Join our quest and become a friend of ELSC.

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Studying at ELSC
Our Int'l Ph.D. program provides outstanding students with top-notch courses in computational neuroscience.

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**The Building**

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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Get into our media channel and investigate ELSC's latest videos: seminars, public lectures, courses and video articles.

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