ELSC News

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The Dimitris N. Chorafas Foundation awards scientific prizes for outstanding work in selected fields in the engineering sciences, medicine and the natural sciences. It rewards research characterized by its high potential for practical application and by the special significance attached to its aftermath.

Prof. Haim Sompolinsky wins EMET Prize 2016

Dr. Ami Citri appointed as CIFAR Azrieli Global Scholar

ELSC congratulates Dr. Ami Citri for his appointment as CIFAR Azrieli Global Scholar, as of July 2016.

Article of the Month August 2016

This Article of the month: "Evaluating Quantitative Proton-Density-Mapping Methods" (PDF) is the work of Aviv Mezer, Ariel Rokem, Shai Berman, Trevor Hastie, and Brian A. Wandell.

ELSC Receives Neuroscience Outreach Award At FENS Forum 2016

European Neuroscience Outreach Award Goes to Hebrew University's ELSC Brain Sciences Center

 Crucial for the public to understand that brain research affects each and every one of our lives, from basic decision-making processes to complex brain diseases.

Article of the Month July 2016

This Article of the Month "Multisensory Processes: A Balancing Act across the Lifespan" (PDF) is the work of Micah M. Murray, David J. Lewkowicz, Amir Amedi, and Mark T. Wallace.
Abstract:

**Prof. Baruch Minke and Dr. Alex Binshtok Awarded TEVA Grant**

A grant submitted to the prestigious "National Network of Excellence" (NNE) of TEVA by Baruch Minke, Alex Binshtok and Shy Arkin (Aided by Dr. Ben Katz) entitled "Investigating the first human loss of function mutation in TRPV1: the development of effective new therapy for inflammatory pain" was among the few that were selected for funding.

**Gatherings Aim to Bridge a Wide Divide**

Source: Science AAAS

**Professor Hanoch Gutfreund awarded Gothberg Prize**

Article of the Month

**Article of the Month**

The researchers mapped the cortical projections from various sensory, motor, and executive cortices to the claustrum of the mouse

**Article of the Month May-June 2016**

Mallet et al. (2016) show that ??arkypallidal?? neurons provide a Stop signal, suppressing the development of Go-related striatal activity
Article of the Month June-July 2016
In the present publication, Aviv Mezer and Shai Berman, together with researchers from Stanford University and the University of Washington, test the ability to quantify PD and separate it from the instrumental bias.
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Article of the Month July 2016
Multisensory processes are fundamental in perception, cognition, learning, and behavior. How do stimuli of different sensory modalities are integrated?
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Article of the Month August 2016
This Article of the month: Evaluating Quantitative Proton-Density-Mapping Methods is the work of Aviv Mezer, Ariel Rokem, Shai Berman, Trevor Hastie, and Brian A. Wandell.
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Article of the Month September 2016
This Article of the Month "KV7/M channels as targets for lipopolysaccharide-induced inflammatory neuronal hyperexcitability" is the work of Arik Tzour, Hodaya Leibovich, Omer Barkai, Yoav Biala1, Shaya Lev, Yoel Yaari, Alexander M. Binshtok.
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Article of the Month October 2016
Safra Neuron Screen: Design and Fabrication  Abstract:
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Article of the Month November 2016
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Article of the Month December 2016
The impact of structural heterogeneity on excitation-inhibition balance in cortical networks
Itamar D. Landau, Robert Egger, Vincent J. Dercksen, Marcel Oberlaender, Haim Sompolinsky

Read More [30]

Article of the Month December 2016 [31]
Pallidal spiking activity reflects learning dynamics and predicts performance Eitan Schechtman, Maria Imelda Noblejas, Aviv D. Mizrahib, Omer Dauber, Hagai Bergman

Read More [31]

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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