Article of the Month

By elsc_admin
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Authors: Voolstra et al. (Baruch Minke's Lab)
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Slow diffusive dynamics in a chaotic balanced neural network Authors: Shaham & Burak Published in PLoS Computational Biology, May 2017  Summary:
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Article of the Month 01/2017 - Burak's lab
Shaping Neural Circuits by High Order Synaptic Interactions - Neta Ravid Tenenbaum and Yoram Burak - PLoS Computational Biology, 2016
Article of the Month January 2017 - Mizrahi's lab
Distinct Spatiotemporal Response Properties of Excitatory Versus Inhibitory Neurons in the Mouse Auditory Cortex Ido Maor, Amos Shalev, and Adi Mizrahi

Article of the Month April 2016
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.

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 ?

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.
**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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The Impact of Structural Heterogeneity on Excitation-Inhibition Balance in Cortical Networks Itamar D. Landau, Robert Egger, Vincent J. Dercksen, Marcel Oberlaender, Haim Sompolinsky

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Pallidal spiking activity reflects learning dynamics and predicts performance  Eitan Schechtman, Maria Imelda Noblejas, Aviv D. Mizrahib, Omer Dauber, Hagai Bergman

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