



中国科学院生物物理研究所

贝时璋讲座

报告题目 Role of NMDA receptors in the development of callosal projection and circuits

报告人 : Prof. Samuel J. Pleasure

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主持人 : 王晓群研究员



报告人简介

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Prof. Pleasure的研究领域是皮层发育过程中神经干细胞行为的调控。主要包括1) 齿状回神经发生微环境的发育。2) 神经发生过程中皮层和脑膜的相互作用。3) 神经干细胞命运决定的转录调控。

代表成果

1. 2016 TAOK2 Kinase Mediates PSD95 Stability and Dendritic Spine Maturation through Septin7 Phosphorylation. *Neuron*.
2. 2014 Wrong place, wrong time: ectopic progenitors cause cortical heterotopias. *Nature Neuroscience*.
3. 2013 The ventral hippocampus is the embryonic origin for adult neural stem cells in the dentate gyrus. *Neuron*.
4. 2012 A cascade of morphogenic signaling initiated by the meninges controls corpus callosum formation. *Neuron*.
5. 2011 CXCR4 and CXCR7 have distinct functions in regulating interneuron migration. *Neuron*.
6. 2009 Retinoic acid from the meninges regulates cortical neuron generation. *Cell*.