**杨莉教授简介**



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2013.11– 华南师范大学心理学院教授、博导

2010.01–2013. 10 华南师范大学生命科学学院先后任副教授、教授、博导

2004.02–2013.08 美国贝勒医学院（Baylor College of Medicine）Research Associate

1998.10–2004.02 美国南伊利诺州立大学医学院（Southern Illinois University School of Medicine）博士后

1998.04–1998.10 日本关西医科大学访问学者

1996.04 –1998.04 华东师范大学生物系脑功能研究室副教授

1995. 07 华东师范大学生物系脑功能研究室获博士学位

1991. 07 华东师范大学生物系脑功能研究室获硕士学位

1985. 07 新疆师范大学生物系获学士学位

**研究兴趣**

研究方向和兴趣主要集中在神经元、突触及所形成的神经环路的神经生物学调控，以及神经退变性疾病导致的上述功能异常的机理研究。

**其他**

进行中的课题：主持国家自然科学基金面上项目1项；广东省科技创新项目1项；广东省研究生示范课程项目1项；

**SCI刊物发表的主要论文**

1. Lian H, **Yang L (杨莉)**, Cole A, Sun L, Chang A, Fowler S, Shim DJ, Rodriguez-Rivera J, Taglialatela G, Jankowsky JL, Lu HC, Zheng H. NFκB-activated astroglial release of complement C3 compromises neuronal morphology and function associated with Alzheimer’s disease. ***Neuron***.  （In press)
2. Wang B, Wang Z, Sun L, **Yang L** **(杨莉)**, Li H, Cole AL, Rodriguez-Rivera J, Lu HC, Zheng H. (2014) The Amyloid Precursor Protein Controls Adult Hippocampal Neurogenesis through GABAergic Interneurons. J Neurosci. 34(40):13314-25.
3. Polito VA, Li H, Martini-Stoica H, Wang B, **Yang L (杨莉)**, Xu Y, Swartzlander DB, Palmieri M, di Ronza A, Lee VM, Sardiello M, Ballabio A, Zheng H. (2014) Selective clearance of aberrant tau proteins and rescue of neurotoxicity by transcription factor EB. ***EMBO Mol Med***. 6(9):1142-60
4. Wang ZL, **Yang L (杨莉)\***, Zheng H\*. (2012) Role of APP and A in synaptic physiology. ***Current Alzheimer Research***, 9: 217-26. (**\*共同通讯作者**).
5. Matrone C, Luvisetto S, La Rosa LR, Tamayev R, Pignataro A, Canu N, **Yang L (杨莉),** Barbagallo AP, Biundo F, Lombino F, Zheng H, （2012）Ammassari-Teule M, D'Adamio L. Tyr682 in the Aβ-precursor protein intracellular domain regulates synaptic connectivity, cholinergic function, and cognitive performance. ***Aging Cell***. 11(6): 1084-93.
6. Shim DJ, **Yang L (杨莉)**, Reed JG, Noebels JL, Chiao PJ, Zheng H. (2011) Disruption of the NF-kB/IkBα autoinhibitory loop improves cognitive performance and promotes hyperexcitability of hippocampal neurons*.* ***Mol Neurodegener***. 6: 42-53.
7. Peethumnongsin E, **Yang L (杨莉)**, Kallhoff-Munoz V, Hu LY, Takashima A, Pautler R, Zheng H. (2010) Convergence of Presenilin- and Tau-mediated Pathways on Axonal Trafficking and Neuronal Function. ***J Neurosci.*** 30: 13409-18.
8. **Yang L (杨莉)\*,** Wang Z, Wang B, Justic N, Zheng H\*. (2009) Amyloid Precursor Protein Regulates Cav1.2 L-type Calcium Channel Levels and Function to Influence GABAergic Short-term Plasticity. ***J Neurosci***. 29: 15660-8. (**\*共同通讯作者**). **被美国老年痴呆论坛评论和报道，并获得Faculty of 1000 Biology推荐和点评**
9. Shelton CC, Zhu L, Chau D, **Yang L (杨莉)**, Wang R, Djaballah H, Zheng H, Li YM. (2009) Modulation of {gamma}-secretase specificity using small molecule allosteric inhibitors. ***Proc Natl Acad Sci (PNAS)***. 106: 20228-33.
10. Wang Z, Wang B, **Yang L** **(杨莉)**, Guo Q, Aithmitti N, Songyang Z, Zheng H. (2009) Presynaptic and postsynaptic interaction of the amyloid precursor protein promotes peripheral and central synaptogenesis. ***J Neurosci***. 29: 10788-801.
11. Wang B, **Yang L (杨莉)**, Wang Z, Zheng H. (2007) Amyolid precursor protein mediates presynaptic localization and activity of the high-affinity choline transporter. ***Proc Natl Acad Sci (PNAS)*** 104: 14140-5.
12. **Yang L (杨莉)**, Wang B, Long C, Wu G, Zheng H. (2007) Increased asynchronous release and aberrant calcium channel activation in amyloid precursor protein deficient neuromuscular synapses. ***Neuroscience***. 149(4): 768-78.
13. Feng HJ, **Yang L (杨莉)**, Faingold CL. (2007) Role of the amygdala in ethanol withdrawal seizures. ***Brain Res***. 1141: 65-73.
14. Long C, **Yang L (杨莉)**, Evans MS, Faingold CL. (2007) Increased excitatory activities in periaqueductal gray neurons of rats undergoing ethanol withdrawal. ***Neuropharmacol***. 52(3): 802-11.
15. Evans MS, Cady CJ, Disney KE, **Yang L (杨莉)**, LaGuardia JJ. (2006) Three brief epileptic seizures reduce inhibitory synaptic currents, GABAA currents, and GABAA receptor subunits. ***Epilepsia*** 47:1655-64.
16. **Yang L (杨莉)**, Long C, Randall M, Faingold CL. (2003) Neurons in the periaqueductal gray is critically involved in the neuronal network for audiogenic seizures during ethanol withdrawal. ***Neuropharmacol***. 44(2): 275-81.
17. **Yang L (杨莉)**, Long C, Evans MS, Faingold CL. (2002) Ethanol withdrawal results in aberrant membrane properties and synaptic responses in periaqueductal gray neurons associated with seizure susceptibility. ***Brain Res***. 957(1): 99-108.
18. **Yang L (杨莉)**, Long C, Faingold CL. (2001) The deep layers of superior colliculus neurons are requisite component of the neurons network for seizures during ethanol withdrawal. ***Brain Res***. 920 (1): 134-41.
19. **Yang L (杨莉)**, Long C, Faingold CL. (2001) Audiogenic seizure susceptibility is induced by termination of continuous infusion of GABA or an NMDA antagonist into the inferior colliculus. ***Exp. Neurol***. 171 (1): 147-52.