

梁淑鈴 助理教授

所有發表期刊論文

1. **Liang SL**, Pan JT (2000) An endogenous serotonergic rhythm acting on 5-HT_{2A} receptors may be involved in the diurnal changes of tuberoinfundibular dopaminergic neuronal activity and prolactin secretion in female rats. **Neuroendocrinology** 72:11-19.
2. Lin JY, Yen SH, Shieh KR, **Liang SL**, and Pan JT (2000) Dopamine and 7-OH-DPAT may act on D₃ receptors to inhibit tuberoinfundibular dopaminergic neurons. **Brain Res. Bull.** 56:567-572.
3. **Liang SL**, Pan JT (2001) Potent inhibitory effect of selective D₂ and D₃ agonists on dopamine-responsive dorsomedial arcuate neurons in brain slices. **Life Sci.** 69:2653-2662.
4. **Liang SL**, Pan JT (2002) Pretreatment with antisense oligodeoxynucleotide against D₂ or D₃ receptor mRNA diminished dopamine's inhibitory effect on dorsomedial arcuate neurons in brain slices of estrogen-treated ovariectomized rats. **Brain Res.** 926:156-164.
5. Nitzan YB, Sekler I, Frederickson CJ, Coulter DA, Balaji RV, **Liang SL**, Margulis A, Hershfinkel M, Silverman WF (2003) Clioquinol effects on tissue chelatable zinc in mice. **J Mol Med.** 81:637-44.
6. Witgen BM, Lifshitz J, Smith ML, Schwarzbach E, **Liang SL**, Grady MS, Cohen AS (2005) Regional hippocampal alteration associated with cognitive deficit following experimental brain injury: A systems, network and cellular evaluation. **Neuroscience** 133:1-15.
7. **Liang SL**, Carlson GC, Coulter DA (2006) Dynamic regulation of synaptic GABA release by the glutamate-glutamine cycle in hippocampal area CA1. **J. Neurosci.** 26:8537-8548.
8. Schwarz JM, **Liang SL**, Thompson, SM, McCarthy MM (2008) Estradiol induces dendritic spines on developing hypothalamic neurons by enhancing glutamate release independent of transcription: A novel mechanism for an organizational sex difference. **Neuron** 58:584-598.
9. **Liang SL***, Pan JT (2011) The spontaneous firing rates of dopamine-inhibited dorsomedial arcuate neurons exhibit a diurnal rhythm in brain slices obtained from ovariectomized plus

- estrogen-treated rats. **Brain Res. Bull.** 85:189-193. (*, corresponding author)
10. **Liang SL***, Pan JT (2012) An endogenous dopaminergic tone acting on dopamine D3 receptors may be involved in diurnal changes of tuberoinfundibular dopaminergic neuron activity and prolactin secretion in estrogen-primed ovariectomized rats. **Brain Res. Bull.** 87:334-339. (*, corresponding author).
 11. **Liang SL***, Hsu SC, Pan JT (2014) Involvement of dopamine D2 receptor in the diurnal changes of tuberoinfundibular dopaminergic neuron activity and prolactin secretion in female rats. **J. BioMed. Sci.** 21:37. (*, corresponding author).
 12. **Liang SL***, Alger BE, McCarthy MM (2014) Developmental increase in hippocampal endocannabinoid mobilization: roles of metabotropic glutamate receptor subtype 5 and phospholipase C. **J. Neurophysiol.** 112:2605-2615. (*, corresponding author)

Chinese Articles

梁淑鈴 (2011, 十月): 簡介腦神經疾病與星狀膠細胞麩胺酸—麩胺醯胺循環異常的關連。長庚醫訊, 32 卷 10 期, 增刊第 54-57 頁。