

## 黃榮棋 副教授

所有發表期刊論文

1. Wang YC, Chen YS, Cheng RC, **Huang RC** (2015). Role of  $\text{Na}^+/\text{Ca}^{2+}$  exchanger in  $\text{Ca}^{2+}$  homeostasis in the rat suprachiasmatic nucleus neurons. *J Neurophysiol* **113**, 2114–2126.
2. Wang YC, Yang JJ, **Huang RC** (2012). Intracellular  $\text{Na}^+$  and metabolic modulation of Na/K pump and excitability in the rat suprachiasmatic nucleus neurons. *J Neurophysiol* **108**, 2024–2032.
3. Yang JJ, Wang YT, Cheng PC, Kuo YJ, and **Huang RC** (2010). Cholinergic modulation of neuronal excitability in the rat suprachiasmatic nucleus neurons. *J Neurophysiol* **103**, 1397–1409.
4. Chen CH, Hsu YT, Chen CC, and **Huang RC** (2009). Acid-sensing ion channels in neurons of the rat suprachiasmatic nucleus. *J Physiol* **587.8**, 1727–1737.
5. Wang YC and **Huang RC** (2006). Effects of sodium pump activity on spontaneous firing in neurons of the rat suprachiasmatic nucleus. *J Neurophysiol* **96**, 109–118
6. Wang HY and **Huang RC** (2004). Diurnal modulation of the  $\text{Na}^+/\text{K}^+$ -ATPase and spontaneous firing in the rat retinorecipient clock neurons. *J Neurophysiol* **92**, 2295–2301.
7. Gillette R, **Huang RC**, Hatcher N, and Moroz LL (2000). Coste-benefit analysis potential in feeding behavior a predatory snail by integration of hunger, taste, and pain. *Proc Natl Acad Sci USA* **97**, 3585–3590.
8. Kuo CC, **Huang RC**, and Lou BS (2000). Inhibition of  $\text{Na}^+$  current by diphenyldramine and other diphenyl compounds: Molecular determinants of selective binding to the inactivated channels. *Mol*

*Pharmacol* **57**, 135-143.

9. **Huang RC** and Lin JY (1998). Voltage- and use-dependent inhibition by amphetamin of field potentials and Na<sup>+</sup> current in rat nucleus accumbens neurons. *Neurosci Let* **252**, 65–68.
10. **Huang RC** (1995). Novel pharmacological properties of transient potassium currents in central neurons revealed by N-bromoacetamide and other chemical modifiers. *Mol Pharmacol* **48**, 451–458.
11. Sudlow LC, **Huang RC**, Green DJ, Gillette R (1994). CAMP-actiyated Na<sup>+</sup> current of molluscan neurons is resistant to kinase inhibitors and is gated by cAMP in the isolated patch. *J Neurosci* **13**, 5188–93.
12. **Huang RC** (1993). Sodium and calcium currents in acutely dissociated neurons from rat suprachiasmatic nucleus. *J Neurophysiol* **70**, 1692–1703.
13. **Huang RC**, Peng YW, and Yau KW (1993). Zinc modulation of a transieut potassium cuneutand hisfochemical localization of the metal in neurons of the suprachiasmatic nucleus. *Proc Natl Acad Sci USA* **90**, 11806–11810.
14. **Huang RC** and Gillette R (1993). Co-regulation of cAMP-activated Na<sup>+</sup> current by Ca<sup>2+</sup> in neurons of the mollusc Pleurobranchaea. *J Physiol* **462**, 307–320.
15. **Huang RC** and Gillette R (1991) Kinetic analysis of cAMP-activated Na<sup>+</sup> current in the molluscan neuron: A diffusion-reaction model. *J Gen Physiol* **98**, 835–848.
16. Gillette R, Saeki M, and **Huang RC** (1991). Defense mechanisms in notaspidean snails: Acid humor and evasiveness. *J Exp Biol* **156**, 335–347.
17. Gillette R, Gillette MU, Green DJ, **Huang RC** (1989). The Neuromodulatory response: Integrating second messenger

pathways. *Am Zool* **29**, 1275–1286.