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主要學歷

畢業學校	國別	主修學門系所	學位	起迄年月
國防大學國防醫學院	中華民國	生命科學研究所	理學博士	1997/08 – 2003/06
國防大學國防醫學院	中華民國	生理學研究所	理學碩士	1995/08 – 1997/06
高雄醫學院	中華民國	生物學系	理學士	1991/08 – 1995/06

研究經歷

服務機關	服務部門(系所)	職稱	起迄年月
高雄醫學大學	醫學系神經學科	預聘助理教授	2011/02 – 2011/07
中央研究院	生物醫學科學研究所	博士後研究員	2008/09 – 2011/02
財團法人國家衛生研究院(NHRI)	分子與基因醫學研究組	博士後研究員	2003/08 – 2008/08
美國國家衛生院(NIH/NIEHS)	神經藥理研究室	博士生候選人	1999/09 – 2000/05

教學經歷

任教學校	任教科系所	教學課程	任教起迄期間	專(兼)任
新生醫護管理專校	護理科	解剖生理學	2009/02– 2010/01	兼任助理教授
耕莘健康管理專校	美容保健科	皮膚生理學	2009/08– 2011/01	兼任助理教授

榮譽獎項

獎　項　內　容	學　術　研　究　機　構	時　　間
優秀論文獎學金	美國台灣人生物科學會(TBA)	2000/11
國際會議旅行獎助	國家衛生研究院(NHRI)	2005/12

學術專長 (可任教課程）

神經科學 (Neuroscience)

分子與細胞生物學 (Molecular and cellular biology)

人體生理學 (Human physiology)

研究興趣

神經分化與神經退化 (Neuronal differentiation and neurodegeneration)、中風 (Stroke）、藥物濫用(Drug abuse)、肺癌 (Lung cancer)

研究著作一覽表

學位論文

碩士論文：酒精對初級培養之大白鼠大腦皮質神經細胞以及混合膠質細胞之一氧化氮生成之效應 (1997/06)

博士論文：氧化壓力誘導培養之大白鼠大腦皮質細胞凋亡：神經細胞與神經膠質細胞之不同反應性 (2003/06)

期刊論文 (Publication List for **Jiz-Yuh Wang**)

1. Wang JY, Chi SI, **Wang JY**, Hwang CP and Wang JY. (1996) Effects of various nitric oxide synthase inhibitors on NMDA-induced neuronal injury in rat cortical neurons. ***Chin. J. Physiol.*** 39:227-233.
2. Wang JY, **Wang JY**, Wang JY, Shum AY and Hwang CP. (1998) Ethanol modulates induction of nitric oxide synthase in glial cells by endotoxin. ***Life Sci.*** 63:1571-1583. ***(SCI, IF: 1.937)***
3. **Wang JY**, Wang JY, Wang Y and Wang JY. (2000) A comparison between acute exposures to ethanol and acetaldehyde on neurotoxicity, nitric oxide production and NMDA-induced excitotoxicity in primary cultures of cortical neurons. ***Chin. J. Physiol.*** 43:131-138. ***(SCI, IF: 0.422)***

4. Liu B, Jiang JW, Wilson BC, Du L, Yang SN, **Wang JY**, Wu GC, Cao XD and Hong JS. (2000) Systemic infusion of naloxone reduces degeneration of rat substantia nigral dopaminergic neurons induced by intranigral injection of lipopolysaccharide. ***J. Pharmacol. Exp. Ther.*** 295:125-132. ***(SCI, IF: 3.452)***
5. Liu B, **Wang JY**, Gao HM, Mandavilli B, Wang JY and Hong JS. (2001) Molecular consequences of activated microglia in the brain: overactivation induces apoptosis. ***J. Neurochem.*** 77:182-189. ***(SCI, IF: 4.900)***
6. **Wang JY**, Yang JM, Wang JY, Tao PL and Yang SN. (2001) Synergistic apoptosis induced by bacterial endotoxin lipopolysaccharide and high glucose in rat microglia. ***Neurosci. Lett.*** 304:177-180. ***(SCI, IF: 2.021)***
7. Liu B, Gao HM, **Wang JY**, Jeohn GH, Cooper CL and Hong JS. (2002) Role of nitric oxide in inflammation-mediated neurodegeneration. ***Ann. N. Y. Acad. Sci.*** 962:318-331. ***(SCI, IF: 1.682)***
8. **Wang JY**, Shum AY, Ho YJ and Wang JY. (2003) Oxidative neurotoxicity in rat cerebral cortex neurons: synergistic effects of H_2O_2 and NO on apoptosis involving activation of p38 mitogen-activated protein kinase and caspase-3. ***J. Neurosci. Res.*** 72:508-519. ***(SCI, IF: 3.374)***
9. **Wang JY,** Lin CH, Yang CH, Tan TH and Chen YR. (2006) Biochemical and biological characterization of a neuroendocrine-associated phosphatase. ***J. Neurochem.*** 98:89-101. ***(SCI, IF: 4.604)***
10. **Wang JY,** Yang CH, Yeh CL, Lin CH and Chen YR. (2008) NEAP causes down-regulation of EGFR, subsequently induces the suppression of NGF-induced differentiation in PC12 cells. ***J. Neurochem.*** 107:1544-1555. ***(SCI, IF: 4.451)***
11. Sun CN, Chuang HC, **Wang JY**, Chen SY, Cheng YY and Chern Y. (2010) The A_{2A} adenosine receptor rescues neuritogenesis impaired by p53 blockage via Kif2A, a kinesin family member. ***Dev. Neurobiol.*** 70(8):604-621. ***(SCI, IF: 2.732)***
12. **Wang JY**, Yeh CL, Chou HC, Yang CH, Fu YN, Chen YT, Cheng HW, Huang CY, Liu HP, Huang SF, Chen YR. (2011) Vaccinia H1-related phosphatase (VHR) is a phosphatase of ErbB receptors and is down-regulated in non-small cell lung cancer. ***J Biol Chem.*** 286(12): 10177-10184. ***(SCI, IF: 5.328)***

國內外會議論文

國內：

1. **Wang JY**, Chi SI, and Wang JY. "Interaction of ethanol and NMDA-receptor is concentration dependent in rat cortical cultures" The 12th Joint Annual Conference of Biomedical Sciences (生醫聯會), Taipei, Taiwan, 1997.

2. **Wang JY**, Fang IC, and Wang JY. "Ethanol suppresses endotoxin-stimulated release of cytokines in cultured rat glial cells" The 13th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, 1998.
3. **Wang JY**, Yang SN, and Wang JY. "Roles of reactive oxygen species in nitric oxide-mediated lysis and apoptosis in neurons and glial cells," The 14th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, 1999.
4. **Wang JY,** and Wang JY. “Protection of estrogen against oxidative injury in glial cells” The 16th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, 2001.
5. **Wang JY**, Ho YJ, Yang SN, and Wang JY. “Involvement of oxidative free radicals in synergistic apoptosis induced by bacterial endotoxin lipopolysaccharide and high glucose in rat microglia” The 17th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, 2002.
6. **Wang JY,** and Wang JY. “Implication of p38 mapk and caspase-3 activation in inflammation-related oxidative stress in primary cultures of rat cerebral cortical neurons” The 17th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, 2002.
7. **Wang JY**, Shum AY, Ho YJ, and Wang JY. “Oxidative neurotoxicity in rat cerebral cortex neurons: synergistic effects of H_2O_2 and NO on apoptosis involving activation of p38 mitogen-activated protein kinase and caspase-3” The 18th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, 2003.
8. **Wang JY,** Lin CH, Yang CH, Tan TH, and Chen YR. “Biological and biochemical characterization of a novel neroendocrine-associated phosphatase (NEP)” The 3rd NHRI Conference on Signal Transduction (國衛院第三屆訊息傳遞研討會), Miaoli County, Taiwan, 2005.
9. **Wang JY,** Lin CH, Yang CH and Chen YR. “Neuroendocrine-associated phosphatase (NEAP) down-regulates EGFR signaling through suppressing transcription activity in rat pheochromocytoma PC12 cells” The 16th Symposium on Recent Advances in Cellular and Molecular Biology (細分學會-墾丁冬令營). Pingtung County, Taiwan, 2008.

國外：

1. **Wang JY**, Wen SJ, and Wang JY. "Roles of reactive oxygen species in nitric oxide-mediated lysis and apoptosis in neurons and glial cells," **Society for Neuroscience** 28th Annual Meeting, Los Angeles, California, 1998.
2. **Wang JY**, Yang SN, and Wang JY. "Effects of antioxidants on apoptosis induced by interactions between reactive oxygen species and nitric oxide in primary cultures of rat cerebral cortical neurons and glia," **Society for Neuroscience** 29th Annual Meeting, Miami Beach, Florida, 1999.
3. **Wang JY**, Chen CL, Yang SN, and Wang JY. “Estrogen modulates the induction of cytokines in endotoxin-stimulated glial cells at the level of transcription” **Society for Neuroscience** 30th

Annual Meeting, New Orleans, Louisiana, 2000.

4. **Wang JY,** Lin CH, Yang CH, Tan TH, and Chen YR. “Biological and biochemical characterization of a novel dual-specificity phosphatase, neuroendocrine -associated phosphatase (NEAP)” **The American Society for Cell Biology** 45th Annual Meeting, San Francisco, California, 2005.