

生化科技學系退休教師個人資料

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研究領域及專長

生物化學、分子生物學、分子毒物

研究成果

1. Lu, K.T., Y.W. Wang, Y.Y. P. Wo and Y.L. Yang\*. Extracellular signal-regulated kinase mediated the IL-1 induced cortical neuron damage during traumatic brain injury. *Neurosci. Lett.* 386: 40-45, 2005.
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10. Lu KT, Huang TC, Wang JY, You YS, Chou JL, Chan MW, Wo P. Y.Y., Amstislavskaya TG, Tikhonova MA, Yang YL. NKCC1 mediates traumatic brain injury-induced hippocampal neurogenesis through CREB phosphorylation and HIF-1 $\alpha$  expression. *Pflugers Arch.* 2015 Aug;467(8):1651-61. doi: 10.1007/s00424-014-1588-x. Epub 2014 Sep 9.

專書出版

1. 吳游源 等 (2016) **分子生物學概論** 2<sup>nd</sup> ed. 華格納出版社 (ISBN 978-986-362-205-5)
2. 吳游源 (2020) **PCR之原理與應用** 初版 五南圖書出版有限公司 (ISBN 978-957-763-821-2)