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Education	Biotechnology program, National Taiwan University, Taipei, Taiwan (1997-2000) Ph.D., Biochemistry Division, the department of Agricultural Chemistry, National Taiwan University, Taipei, Taiwan (1996-2003) Second Lieutenant of Taiwanese Army (2003~) Postdoctoral Fellow, Institute of Molecular Biology, Academia Sinica, Taipei, Taiwan (2003-2006) Postdoctoral Fellow, Institute of Biomedical Science, Academia Sinica, Taipei, Taiwan (2006-2008)	
Awards	Outstanding College Youth of National Taiwan University (2002) National Outstanding College Youth (2002) Teaching excellent and innovative teachers, CMU (2010) Teaching excellent and innovative teachers, CMU (2014)	
Specialty	Immunomodulation (Dendritic cell and Adipose-derived stem cells); Alternative splicing regulation (glioblastoma and Parkinson's disease); Neurodegenerative diseases (stroke, Parkinson's disease and ALS); <i>C. elegans</i> model	
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<p style="text-align: center;">Selected Publication</p>	<ol style="list-style-type: none"> 1. Ming-Yi Shen, Fang-Yu Chen, Jing-Fang Hsu, <u>Ru-Huei Fu</u>, Chia-Ming Chang, Chiz-Tzung Chang, Chung-Hsiang Liu, Jia-Rong Wu, An-Sheng Lee, Hua-Chen Chan, Joen-Rong Sheu, Shinn-Zong Lin, Woei-Cherng Shyu, Tatsuya Sawamura, Kuan-Cheng Chang, Chung Y. Hsu, Chu-Huang Chen* Plasma L5 levels are elevated in ischemic stroke patients and enhance platelet activation and aggregation. <u>BLOOD</u>, 2016, 127(10):1336-1345 (R/C= 2/70 , HEMATOLOGY). 2. <u>Ru-Huei Fu</u>*, Yu-Chi Wang, Chang-Shi Chen, Rong-Tzong Tsai, Shih-Ping Liu, Wen-Lin Chang, Hsin-Lien Lin, Chia-Hui Lu, Jing-Rong Wei, Zih-Wan Wang, Woei-Cherng Shyu, Shinn-Zong Lin*. Acetylcorynoline attenuates dopaminergic neuron degeneration and alpha-synuclein aggregation in animal models of Parkinson's disease. <u>NEUROPHARMACOLOGY</u> 2014, 82:108-120. (R/C=19/253 , PHARMACOLOGY & PHARMACY) 3. <u>Ru-Huei Fu</u>*, Horng-Jyh Harn, Shih-Ping Liu, Chang-Shi Chen, Wen-Lin Chang, Yue-Mi Chen, Jing-En Huang, Rong-Jhu Li, Sung-Yu Tsai, Huey-Shan Hung, Woei-Cherng Shyu, Shinn-Zong Lin, Yu-Chi Wang*. n-Butylidenephthalide protects against dopaminergic neuron degeneration and alpha-synuclein accumulation in <i>Caenorhabditis elegans</i> models of Parkinson's disease. <u>PLOS ONE</u> 2014, 9(1): e85305 (R/C=11/63 , MULTIDISCIPLINARY SCIENCES) 4. Huey-Shan Hunga, Yi-Chun Yangc, Yu-Chun Lind, Shinn-Zong Linb, Wei-Chien Koa, Hsien-Hsu Hsiehg, Mei-Yun Chua, <u>Ru-Huei Fu</u>, Shan-hui Hsu* Regulation of human endothelial progenitor cell maturation by polyurethane nanocomposites. <u>BIOMATERIALS</u>, 2014, 35(25): 6810-6821(R/C= 1/33 , MATERIAL SCIENCE, BIOMATERIALS). 5. <u>Ru-Huei Fu</u>*, Yu-Chi Wang, Shih-Ping Liu, Ching-Liang Chu, Rong-Tzong Tsai, Yu-Chen Ho, Wen-Lin Chang, Shao-Chih Chiu, Horng-Jyh Harn, Woei-Cherng Shyu, Shinn-Zong Lin*. Acetylcorynoline impairs the maturation of mouse bone marrow-derived dendritic cells via suppression of IκB kinase and mitogen-activated protein kinase activities. <u>PLOS ONE</u> 2013, 8(3): e58398 (R/C=11/63 , MULTIDISCIPLINARY SCIENCES) 6. <u>Ru-Huei Fu</u>, Shih-Ping Liu, Chen-Wei Ou, Chin-Mao Huang, Yu-Chi Wang*. Spatial control of cells, peptide delivery and dynamic monitoring of cellular physiology with chitosan-assisted dual color quantum dot FRET peptides. <u>ACTA BIOMATERIALIA</u> 2010, 6(9):3621-3629 (R/C=2/33 , MATERIALS SCIENCE, BIOMATERIALS) 7. Chieh-Ju C. Tang, <u>Ru-Huei Fu</u>, Kuo-Shen Wu, Wen-Bin Hsu, Tang K. Tang*. CPAP is a cell-cycle regulated protein that controls the centriole length. <u>NATURE CELL BIOLOGY</u> 2009, 11(7):825-831. (R/C=6/187 , CELL BIOLOGY) 8. Rong-Tzong Tsai, <u>Ru-Huei Fu (Co-First Author)</u>, Fu-Lung Yeh, Chi-Kang Tseng, Yu-Chieh Lin, Yu-Hsin Huang, and Soo-Chen Cheng. Spliceosome disassembly catalyzed by Prp43 and its associated components Ntr1 and Ntr2. <u>GENES & DEVELOPMENT</u> 2005, 19(24): 2991-3003. (R/C=9/165 , GENETICS & HEREDITY)
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