

CURRICULUM VITAE



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Education

Ph.D., Institute of Microbiology and Biochemistry, College of Life Science (Biochemistry Laboratory, Institute of Agricultural Chemistry), National Taiwan University, Taipei, Taiwan, 1996- 2003
Biotechnology program,
National Taiwan University, Taipei, Taiwan, 1996- 2001

Postdoctoral research experience

2006-2008 Institute of Biomedical Science, Academia Sinica, Taipei, Taiwan, Adviser: Dr. Tang, Tang K.
2003-2006 Institute of Molecular Biology, Academia Sinica, Taipei, Taiwan, Adviser: Dr. Soo-Chen Cheng

Honors and Awards

2004-2006 Postdoctoral Fellowship, Academia Sinica
2002 Outstanding Youth Honor, National Taiwan University
2002 Outstanding College Youth Honor, China Youth Corps
2000 The President of Graduate Student Association, National Taiwan University

Specialty

RNA biology
Cell biology
Immunology

Memberships

2008- Active member of the chinese society of immunology
2009- Active member of neuroscience society of Taiwan

Publications

1. Chieh-Ju C. Tang, **Ru-Huei Fu**, Kuo-Shen Wu, Wen-Bin Hsu and Tang K.

- Tang. (2009) CPAP is a cell-cycle regulated protein that controls the centriole length. **Nat Cell Biol.** 11:825-831. (SCI, 2007 IF = 17.623, NSC-97-2321-B-001-011)
2. **Ru-Huei Fu**, Shih-Ping Liu, Chen-Wei Ou, Hsiu-Hui Yu, Kuo-Wei Li, Chang-Hai Tsai, Woei-Cherng Shyu, and Shinn-Zong Lin. (2009) Alternative splicing modulates stem cell differentiation. **Cell Transplant.** pii: CT-2066. (SCI, 2007 IF = 3.871)
 3. Shih-Ping Liu, **Ru-Huei Fu**, Hsiu-Hui Yu, Kuo-Wei Li, Chang-Hai Tsai, Woei-Cherng Shyu and Shinn-Zong Lin. (2009) MicroRNAs regulation modulated self-renewal and lineage differentiation of stem cells. **Cell Transplant.** pii: CT-2060. (SCI, 2007 IF = 3.871)
 4. Rong-Tzong Tsai, Chi-Kang Tseng, Pei-Jung Lee, Hsin-Chou Chen, **Ru-Huei Fu**, Kae-Jiun Chang, Fu-Lung Yeh and Soo-Chen Cheng. (2007) Dynamic interaction of Ntr1-Ntr2 with Prp43 and with U5 govern the recruitment of Prp43 to mediate spliceosome disassembly. **Mol Cell Biol.** 27:8027-8037. (SCI, 2007 IF = 6.42, NSC94-2321-B-001-021)
 5. Rong-Tzong Tsai, **Ru-Huei Fu(Co-First Author)**, Fu-Lung Yeh, Chi-Kang Tseng, Yu-Chieh Lin, Yu-Hsin Huang, and Soo-Chen Cheng. (2005) Spliceosome disassembly catalyzed by Prp43 and its associated components Ntr1 and Ntr2. **Genes Dev.** 19: 2991-3003. (SCI, 2007 IF = 14.795, NSC92-2321-B-001-017)
 6. Yu-Chi Wang, **Ru-Huei Fu**, Hsyue-Jen Hsieh, Hsiang-Tai Chao and Shu-Huei Kao. (2005) Polyglycolic acid/chitosan glue and apoptosis of endometriotic cells. **Fertil Steril.** 84: 75-81. (SCI, 2007 IF = 3.168, NSC89-2320-B264-006)
 7. **Ru-Huei Fu**, Ai-Yu Wang, Yu-Chi Wang and Hsien-Yi Sung. (2003) A cDNA encoding vacuolar type β -D-fructofuranosidase (*Os β fruct3*) of rice and its expression in *Pichia pastoris*. **Biotechnol Lett.** 25: 1525-1530. (SCI, 2007 IF = 1.222)
 8. **Ru-Huei Fu**, Yuan-Liang Wang and Hsien-Yi Sung. (2003) Cloning, characterization and functional expression of a new

β -D-fructofuranosidase (*Os β fruct2*) cDNA from *Oryza sativa*.
Biotechnol Lett. 25: 455-459. (SCI, 2007 IF = 1.222)

9. **Ru-Huei Fu**, Yung-Liang Wang and Hsien-Yi Sung. (2002) Review: Biochemical and molecular biological studies of plant invertases. **Food Sci Agric Chem.** 4: 1-7.

10. Cheng-Chung Hsiao, **Ru-Huei Fu (Co-First Author)**, and Hsien-Yi Sung. (2002) A novel bound form of plant invertase in rice suspension cells. **Bot. Bull. Acad. Sin. (Botanical studies)** 43: 115-122. (SCI, 2007 IF = 1.221, NSC 88-2313-B-002-005-A06)

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2. **Ru-Huei Fu**, Ai-Yu Wang, Hui-Chiao Lin, Yi-An Chen, Wuan-Liang Liu, Li-Ka Liu and Hsien-Yi Sung. (2002) Isolation and characterization of three cDNA clones from etiolated rice seedlings encode vacuolar invertases. PlantBiology2002. Denver, Colorado.

3. Chung-Liang Lin, **Ru-Huei Fu**, Ai-Yu Wang and Hsien-Yi Sung. Molecular biology studies on invertase from shoots of etiolated rice seedlings-cloning and expression of acid invertase cDNAs. (2000) 18th International Congress of Biochemistry and Molecular Biology Beyond the Genome. Birmingham, UK

Other

1. 傅如輝、王羽淇。小兵立大功-細小微菌妙用多。暨大電子雜誌，52期。

2. 傅如輝、王羽淇。(2002) 植物分子農場--製造抗體、疫苗與生物藥劑的活工廠。科學月刊，390: 488-495。