
BIOGRAPHICAL SKETCH

NAME in English Chia-Jung Yu	POSITION TITLE Associate Professor, Department of Biochemistry and Molecular biology, Chang Gung University		
NAME in Chinese 游佳融			
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Institute of Medical Technology, National Taiwan University, R.O.C.	M.S.	06/1997	Clinical Biochemistry Medical Technology Proteomics
Institute of Biochemistry and Molecular Biology , National Taiwan University, R.O.C.	Ph.D.	06/2002	Biochemistry Molecular Biology Clinical proteomics
Department of Medical Research, Notional Taiwan University Hospital, R.O.C	Postdoctoral	07/2005	Molecular Biology Cell Biology

A. Positions and Honors

Positions and Employment

2002-2005	Postdoctoral fellow, Department of Medical Research, National Taiwan University Hospital, R.O.C.
2005~2012	Assistant professor, Department of Cell and Molecular Biology, Graduate Institute of Biomedical Sciences, Chang Gung University, Tao-Yuan, Taiwan, R.O.C.
2012~ present	Associate Professor, Department of Cell and Molecular Biology, Graduate Institute of Biomedical Sciences, Chang Gung University, Tao-Yuan, Taiwan, R.O.C.

Other Experience and Professional Memberships

2002-	Taiwan Society for Mass Spectrometry (TSMS), member
2003-	American Society for Biochemistry and Molecular Biology (ASBMB), member
2003-	Taiwan Proteomics Society (TPS), member
2007-	Taiwan Society for Biochemistry and Molecular Biology (TSBMB), permanent member
2009-	The Chinese Society of Cell and Molecular Biology (CSCMB), member
2011-	Taiwan Proteomics Society (TPS), council member

B. Selected Peer-reviewed Publications (2009-2014) (in chronological order)

1. Chen CD, Wang CL, **Yu CJ**, Chien KY, Chen YT, Chen MC, Chang YS, Wu CC*, Yu JS*. Targeted proteomics pipeline reveals potential biomarkers for the diagnosis of metastatic lung cancer in pleural effusion. **J Proteome Res.** 2014 Jun 6;13(6):2818-29 (SCI, 5.001, 9/78)
2. **Yu CJ***, Ko CJ, Hsieh CH, Chien CT, Huang LH, Lee CW, Jiang CC*. Proteomic analysis of osteoarthritic chondrocyte reveals the hyaluronic acid-regulated proteins involved in chondroprotective effect under oxidative stress. **J. Proteomics** 2014 Mar 17;99:40-53. (SCI, 3.929, 16/78)
3. Chang SW, Fann CS, Su WH, Wang YC, Weng CC, **Yu CJ**, Hsu CL, Hsieh AR, Chien RN, Chu CM, Tai DI*. A genome-wide association study on chronic HBV infection and its clinical progression in male Han-Taiwanese. **PLoS One** 2014 Jun 18;9(6):e99724. (SCI, 3.534, 8/55)
4. Wang CI, Chien KY, Wang CL, Chang YS, Yu JS, **Yu CJ***. Quantitative proteomics reveals regulation of KPNA2 and its potential novel cargo protein in non-small cell lung cancer. **Mol. Cell Proteomics** 2012 Nov;11(11):1105-22. (SCI, 7.254, 4/78)

5. **Yu CJ***, Wang CL, Wang CI, Chen CD, Dan YM, Wu CC, Wu YC, Lee IN, Tsai YH, Chang YS, Yu JS. Comprehensive proteome analysis of malignant pleural effusion for lung cancer biomarker discovery by using multidimensional protein identification technology. **J. Proteome Res.** 2011 Oct 7;10(10):4671-82. (SCI, 5.001, 9/78)
6. **Yu CJ**, Chang KP, Chang YJ, Hsu CW, Liang Y, Yu JS, Chi LM, Chang YS, Wu CC*. Identification of guanylate-binding protein 1 as a potential oral cancer marker involved in cell invasion using Omics-based analysis. **J. Proteome Res.** 2011 Aug 5;10(8):3778-88. (SCI, 5.001, 9/78)
7. Wang CI, Wang CL, Wang CW, Chen CD, Wu CC, Tsai YH, Chang YS, Yu JS, **Yu CJ***. Importin subunit alpha-2 is identified as a potential biomarker for non-small cell lung cancer by integration of the cancer cell secretome and tissue transcriptome. **Int. J. Cancer.** 2011 May 15;128(10):2364-72. (SCI, 5.007, 34/202)
8. Wu CC, Hsu CW, Chen CD, **Yu CJ**, Chang KP, Dai DI, Liu HP, Su WH, Chang YS, Yu JS*. Candidate serological biomarkers for cancer identified from the secretomes of 23 cancer cell lines and the human protein atlas. **Mol. Cell Proteomics** 2010 Jun;9 (6):1100-17. (SCI, 7.254, 4/78)
9. Chen KY, Tsai PC, Hsu JW, Hsu HC, Fang CY, Chang LC, Tsai YT, **Yu CJ**, Lee FJ*. Syt1p promotes activation of Arl1p at the late Golgi to recruit Imh1p. **J. Cell Sci.** 2010 Sep;14(123): 3478-3489. (SCI, 5.325, 46/185)
10. Wang CL, Wang CI, Liao PC, Chen CD, Liang Y, Chuang WY, Tsai YH, Chen HC, Chang YS, Yu JS, Wu CC*, **Yu CJ***. Discovery of retinoblastoma-associated binding protein 46 as a novel prognostic marker for distant metastasis in nonsmall cell lung cancer by combined analysis of cancer cell secretome and pleural effusion proteome. **J. Proteome Res.** 2009 Oct 2;8(10):4428-4440 (SCI, 5.001, 9/78)
11. Tse KP, Su WH, Chang KP, Tsang NM, **Yu CJ**, Tang P, See LC, Hsueh C, Yang ML, Hao SP, Li HY, Wang MH, Liao LP, Chen LC, Lin SR, Jorgensen TJ, Chang YS*, Shugart YY. Genome-wide association study reveals multiple nasopharyngeal carcinoma-associated loci within the HLA region at chromosome 6p21.3. **Am. J. Hum. Genet.** 2009 Aug;85(2):194-203. (SCI, 10.987, 9/164)
12. Chi LM, Lee CW, Chang KP, Hao SP, Lee HM, Liang Y, Hsueh C, **Yu CJ**, Lee IN, Chang YJ, Lee SY, Yeh YM, Chang YS, Chien KY*, Yu JS*. Enhanced interferon signaling pathway in oral cancer revealed by quantitative proteome analysis of microdissected specimens using ¹⁶O/¹⁸O labeling and integrated two-dimensional LC-ESI-MALDI tandem MS. **Mol. Cell Proteomics** 2009 Jul; 8(7):1453-74. (SCI, 7.254, 4/78)
13. Lin BR, **Yu CJ**, Chen WC, Lee HS, Chang HM, Lee YC*, Chien CT*, Chen CF. Green tea extract supplement reduces D-galactosamine-induced acute liver injury by inhibition of apoptotic and proinflammatory signaling. **J. Biomed. Sci.** 2009 Mar 25; 16(1):35. (2.736, 49/122)

C. Research Support

Ongoing Research Support

CMRPD1C0091	CGMH (PI)	102/01/01~103/12/31
Study of KPNA2 complexes in lung cancer tumorigenesis		

NSC 100-2320-B-182-025 -MY3	NSC (PI)	101/08/01~104/07/31
Identification and characterization of metastasis-related protein marker for non-small cell lungcancer by quantitative tissue and pleural effusion proteomes		

Completed Research Support (2009-2012)

NSC 100-2320-B-182-025	NSC (PI)	100/08/01~101/07/31
Identification and characterization of metastasis-related protein marker for non-small cell lung cancer by quantitative tissue and pleural effusion proteomes		

CMRPD180321-3	CGMH (PI)	98/12/01~101/11/30
Discovery of biomarker panel for non-small cell lung cancer by integration of cancer cell secreted proteome and cancer tissue transcriptome.		

NSC97-2320-B-182-026-MY3	NSC (PI)	97/08/01~100/07/31
Identification and functional characterization of human ARF-like proteins 1 (hARL1) protein complex in vesicle trafficking.		