
BIOGRAPHICAL SKETCH

NAME in English Chia-Jung Yu	POSITION TITLE Associate Professor
NAME in Chinese 游佳融	

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
National Taiwan University, Taipei, Taiwan	M.S.	06/1997	Medical Technology
National Taiwan University, Taipei, Taiwan	Ph.D.	06/2002	Biochemistry and Molecular Biology
Notional Taiwan University Hospital, Taipei, Taiwan	Postdoctoral fellow	11/2002	Clinical proteomics Molecular Biology Cell Biology

A. Positions and Honors

Positions and Employment

Nov 2002 - Jul 2005	Postdoctoral fellow, Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan
Aug 2005 - Jul 2012	Assistant Professor, Chang Gung University
Aug 2012 - present	Associate Professor, Chang Gung University
Aug 2016 - present	Director of Core Instrument Center, Chang Gung University

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
2011-2014	Taiwan Proteomics Society (TPS), council member

Editor & Refereeing

1. <i>Clinica Chimica Acta</i>	2011
2. <i>Cancer Biomarker</i>	2011
3. <i>PLoS One</i>	2012
4. <i>Lung Cancer: Targets and Therapy</i>	2012
5. <i>Cancer Letters</i>	2012
6. <i>OncoTargets and Therapy</i>	2012
7. <i>Proteomics</i>	2013
8. <i>Proteomics</i>	2014
9. <i>Journal of Proteomics</i>	2015
10. <i>Scientific Reports</i>	2015
11. <i>Genomics, Proteomics & Bioinformatics</i>	2016

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| 12. <i>Journal of Biomedical Science</i> | 2017 |
| 13. <i>Biomedical Journal</i> | 2017 |

B. Selected Peer-reviewed Publications (2012-2017) (in chronological order)

Referred papers (*first/equal contribution or corresponding author)

1. Yang CW, Tseng SF, Yu CJ, Chung CY, Chang CY, Pobiega S, Teng SC*. Telomere shortening triggers a feedback loop to enhance end protection. *Nucleic Acids Res.* 2017 Aug 21;45(14):8314-8328
2. Yu CJ, Lee FJ*. Multiple activities of Arl1 GTPase in the *trans*-Golgi network. *J. Cell Sci.* 2017 May 15;130(10):1691-1699.
3. Tsai CH, Chen YJ, Yu CJ, Tzeng SR, Wu IC, Kuo WH, Lin MC, Chan NL, Wu KJ, Teng SC*. SMYD3-Mediated H2A.Z.1 Methylation Promotes Cell Cycle and Cancer Proliferation. *Cancer Res.* 2016 Oct 15;76(20):6043-6053.
4. Hsu CH, Hsu CW, Hsueh C, Wang CL, Wu YC, Wu CC, Liu CC, Yu JS, Chang YS, Yu CJ*. Identification and characterization of potential biomarkers by quantitative tissue proteomics of primary lung adenocarcinoma. *Mol. Cell. Proteomics* 2016 Jul;15(7):2396-410 .
5. Hsu JW, Tang PH, Wang IH, Liu CL, Chen WH, Tsai PC, Chen KY, Chen KJ, Yu CJ, Lee FJ*. Unfolded protein response__regulates yeast Arl1p activation at late Golgi via phosphorylation of Arf GEF Syt1p. *Proc. Natl. Acad. Sci. U S A.*, 2016_Mar 22;113(12):E1683-90.
6. Wang CI, Chen YY, Wang CL, Yu JS, Chang YS, Yu CJ*. mTOR regulates proteasomal degradation and Dp1/E2F1-mediated transcription of KPNA2 in lung cancer cells. *Oncotarget* 2016 May 3;7(18):25432-42.
7. Liu PJ, Chen C, Wang CL, Wu YC, Hsu CW, Lee CW, Huang LH, Yu JS, Chang YS, Wu CC*, Yu CJ*. In-depth proteomic analysis of six types of exudative pleural effusions for non-small cell lung cancer biomarker discovery. *Mol. Cell. Proteomics* 2015 Apr;14(4):917-32.
8. Wang CI, Wang CL, Wu YC, Feng HP, Liu PJ, Chang YS, Yu JS, Yu CJ*. Quantitative proteomics reveals a novel role of karyopherin alpha 2 (KPNA2) in cell migration through the regulation of vimentin- β -Tubulin complex levels in lung cancer. *J. Proteome Res.* 2015 Apr 3;14(4):1739-51.
9. Shih CL, Chong KY, Hsu SC, Chien HJ, Ma CT, Chang JW, Yu CJ*, Chiou CC*. Development of a magnetic bead-based method for the collection of circulating extracellular vesicles. *N. Biotechnol.* 2016 Jan 25;33(1):116-22.
10. Lee CW, Chang KP, Chen YY, Liang Y, Hsueh C, Yu JS, Chang YS, Yu CJ*. Overexpressed tryptophanyl-tRNA synthetase, an angiostatic protein, enhances oral cancer cell invasiveness. *Oncotarget* 2015 Sep 8; 6(26):21979-92.
11. Huang LH, Lee WC, You ST, Cheng CC, Yu CJ*. Arfaptin-1 negatively regulates Arl1-mediated retrograde transport. *PLoS One* 2015 Mar 19;10(3): e0118743.
12. Shih CL, Luo JD, Chang JW, Chen TL, Chien YT, Yu CJ*, Chiou CC*. Circulating messenger rna profiling with microarray and next-generation sequencing: cross-platform comparison. *Cancer Genomics Proteomics.* 2015 09-10;12(5):223-230.
13. 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.
14. 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.
15. 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.
16. 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.*

Book chapters

C. Research Support

Ongoing Research Support

- CMRPD3E0081~3 ; 2015/1/1~2017/12/31
研究囊泡運輸調節分子Golgin-97在人類乳癌細胞中的生物功能與臨床意義
- 105-2320-B-182-035-MY3 ; 2016/8/1~2019/7/31
探討 KPNA2 過度表現以及其累積在細胞核的分子機轉與致癌角色

Completed Research Support (2006-2016)

- CMRPD150171~3 ; 2006/5/1~2010/4/30
嚴重急性呼吸道症候群蛋白質3a的功能特性及其細胞內交互作用分子的探討
- CMRPD180321~3 ; 2009/12/1~2012/11/30
整合肺癌細胞分泌性蛋白體與肺癌組織轉錄體發展一個蛋白質生物標記組用於肺癌病患的體液偵測
- CMRPD1C0091~2 ; 2013/1/1~2014/12/31
KPNA2蛋白質複合體在肺癌致病機轉中的角色與功能探討
- 95-2320-B-182-016 ; 2006/2/1~2007/1/31
玻尿酸在人類軟骨細胞中抗氧化機轉的鑑定與分析
- 96-2320-B-182-035 ; 2007/8/1~2008/7/31
鑑定人類第一腺嘌呤核二磷酸核糖化相似因子蛋白質複合體並探討其在囊泡運輸系統中的調節功能
- 97-2320-B-182-026-MY3 ; 2008/8/1~2011/7/31
鑑定人類第一腺嘌呤核二磷酸核糖化相似因子蛋白質複合體並探討其在囊泡運輸系統中的調節功能
- 100-2320-B-182-025; 2011/8/1~2012/7/31
利用肺組織與肋膜積液定量蛋白體鑑定與分析和非小細胞肺癌轉移相關的蛋白質標記
- 101-2320-B-182-035-MY3; 2012/8/1~2015/7/31
利用肺組織與肋膜積液定量蛋白體鑑定與分析和非小細胞肺癌轉移相關的蛋白質標記
- 104-2320-B-182-027; 2015/8/1~2016/7/31
利用凝集素陣列與定量組織醣蛋白體技術開發應用於非小細胞肺癌早期診斷與預後的醣蛋白標誌組