BIOGRAPHICAL SKETCH

NAME in English Ya-Ju, Hsieh	POSITION TITLE Post-doctoral fellow
NAME in Chinese 謝雅如	

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	MM/YY	FIELD OF STUDY
Molecular Medicine Research Center, Chang Gung University	Post Doc	Until now	Proteomics and metabolomics
College of Life Science, National Tsing Hwa University, Taiwan	PhD	09/2010	Life science
Graduate Institute of Basic Medical Sciences, Change Gung University	MS	07/2001	Basic medical science
Department of Biological Sciences, National Sun Yat Sen University	BS	07/1999	Biology

A. Positions and Honors

Awards

1. 2004.04 **Outstanding Students Conference Travel Grant of** Foundation for the advancement outstanding scholarship.
2. 2010.01. Excellent poster award of The Chinese Society of Cell and Molecular Biology
3. 2012.12. American Society for Cell Biology (ASCB)Biotech Travel Award
4. 2013.11. Excellent oral presentation award of The Taiwan Society for Biochemistry and Molecular Biology.
5. 2015.2.1-2.13 Short term visit at University of Alberta for Metabolomics training.
6. 2015.09. The 14th Human Proteome Organization World Congress (HUPO 2015) Travel Award.

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

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

1. Hsieh YJ, Chien KY, Lin SY, Sabu S, Hsu RM, Chi LM, Lyu PC, Yu JS. Photofrin binds to procaspsae-3 and mediates photodynamic treatment-triggered methionine oxidation and inactivation of procaspase-3. ***Cell Death Dis.*** 2012 Jul 12; 3: e347. doi: 10.1038/cddis.2012.85. SCI impact factor: 6.044
2. Chen JT, Ho CW, Chi LM, Chien KY, Hsieh YJ, Lin SJ, Yu JS. Identification of the lamin A/C phosphoepitoperecognized by the antibody P-STM in mitoticHeLa S3 cells. ***BMC Biochem.*** 2013 Jul 19; 14(1): 18.doi: 10.1186/1471-2091-14-18. SCI impact factor: 1.776
3. Chang KP, Wang CL, Kao HK, Liang Y, Liu SC, Huang LL, Hseuh C, Hsieh YJ, Chien KY, Chang YS, Yu JS, Chi LM. Overexpression of caldesmon is associated with nodal metastasis and poorer prognosis in oral cavity squamous cell carcinomas. ***Cancer.*** 2013 Nov 15; 119(22): 4003-11. doi: 10.1002/cncr.28300. SCI impact factor: 5.201
4. Wang HJ, Hsieh YJ, Cheng WC, Lin CP, Lin YS, Yang SF, Chen CC, Izumiya Y, Yu JS, Kung HJ, Wang WC. JMJD5 regulates PKM2 nuclear translocation and reprograms HIF-1α-mediated glucose metabolism. ***Proc Natl Acad Sci U S A.*** 2014 Jan 7; 111(1): 279-84. doi: 10.1073/pnas.1311249111. SCI impact factor: 9.809
5. Hsu RM, Hsieh YJ, Yang TH, Chiang YC, Kan CY, Lin YT, Chen JT, Yu JS. Binding of the extreme

carboxyl-terminus of PAK-interacting exchange factor β (βPIX) to myosin 18A (MYO18A) is required for epithelial cell migration. ***Biochim Biophys Acta.*** 2014 Nov; 1843(11): 2513-27. doi: 10.1016/j.bbamcr.2014.06.023. SCI impact factor: 5.297

6. Wu CP, Hsieh YJ, Hsiao SH, Su CY, Li YQ, Huang YH, Huang CW, Hsieh CH, Yu JS, Wu YS. Human ATP-Binding Cassette Transporter ABCG2 Confers Resistance to CUDC-907, a Dual Inhibitor of Histone Deacetylase and Phosphatidylinositol 3-Kinase. ***Mol Pharm***. 2016 Mar 7; 13(3): 784-94. doi: 10.1021/acs.molpharmaceut.5b00687.
7. Hsieh YJ, Chien KY, Yang IF, Lee IN, Wu CC, Huang TY and Yu JS. Oxidation of protein-bound methionine in Photofrin-photodynamic therapy-treated human tumor cells explored by methionine-containing peptide enrichment and quantitative proteomics approach. ***Sci Rep.*** 2017 May 2; 7: 1370. doi:10.1038/s41598-017-01409-9

C. Research Support

Ongoing Research Support

Completed Research Support (2006-2010)