
BIOGRAPHICAL SKETCH

NAME in English Chia-Wei Hsu	POSITION TITLE Postdoctoral Research Fellow
NAME in Chinese 徐嘉偉	

EDUCATION/TRAINING	INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
	Department of Life Sciences, National Chung Hsing University	B.S.	06/2003	Biology
	Department of Biological Sciences, National Sun Yet-sen University	M.S.	06/2006	Molecular biology
	Graduate Institute of Biomedical Sciences, Chang Gung University	Ph.D.	06/2014	Proteomics and cell biology

A. Positions and Honors

Positions and Employment

2014~Present Postdoctoral research fellow, Molecular Medicine Research Center, Chang Gung University

Other Experience and Professional Memberships

Editor & Refereeing

.

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

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

- Chen, T. W.; Lee, C. C.; Liu, H.; Wu, C. S.; Pickering, C. R.; Huang, P. J.; Wang, J.; Chang, I. Y.; Yeh, Y. M.; Chen, C. D.; Li, H. P.; Luo, J. D.; Tan, B. C.; Chan, T. E. H.; Hsueh, C.; Chu, L. J.; Chen, Y. T.; Zhang, B.; Yang, C. Y.; Wu, C. C.; **Hsu, C. W.**; See, L. C.; Tang, P.; Yu, J. S.; Liao, W. C.; Chiang, W. F.; Rodriguez, H.; Myers, J. N.; Chang, K. P.; Chang, Y. S., APOBEC3A is an oral cancer prognostic biomarker in Taiwanese carriers of an APOBEC deletion polymorphism. *Nat Commun* **2017**, 8, (1), 465.
- Chiang, C. H.; Wu, C. C.; Lee, L. Y.; Li, Y. C.; Liu, H. P.; **Hsu, C. W.**; Lu, Y. C.; Chang, J. T.; Cheng, A. J., Proteomics Analysis Reveals Involvement of Krt17 in Areca Nut-Induced Oral Carcinogenesis. *J Proteome Res* **2016**, 15, (9), 2981-97.
- Hsu, C. H.; **Hsu, C. W.**; Hsueh, C.; Wang, C. L.; Wu, Y. C.; Wu, C. C.; Liu, C. C.; Yu, J. S.; Chang, Y. S.; Yu, C. J., Identification and Characterization of Potential Biomarkers by Quantitative Tissue Proteomics of Primary Lung Adenocarcinoma. *Mol Cell Proteomics* **2016**, 15, (7), 2396-410.
- Wu, C. C.; Chu, H. W.; **Hsu, C. W.**; Chang, K. P.; Liu, H. P., Saliva proteome profiling reveals potential salivary biomarkers for detection of oral cavity squamous cell carcinoma. *Proteomics* **2015**, 15, (19), 3394-404.
- Liu, P. J.; Chen, C. D.; Wang, C. L.; Wu, Y. C.; **Hsu, C. W.**; Lee, C. W.; Huang, L. H.; Yu, J. S.; Chang, Y. S.; Wu, C. C.; Yu, C. J., In-depth proteomic analysis of six types of exudative pleural effusions for nonsmall cell lung cancer biomarker discovery. *Mol Cell Proteomics* **2015**, 14, (4), 917-32.
- Kuo, R. L.; Lin, Y. H.; Wang, R. Y.; **Hsu, C. W.**; Chiu, Y. T.; Huang, H. I.; Kao, L. T.; Yu, J. S.; Shih, S. R.; Wu, C. C., Proteomics analysis of EV71-infected cells reveals the involvement of host protein NEDD4L in EV71 replication. *J Proteome Res* **2015**, 14, (4), 1818-30.

7. Yeh, Y. M.; Chen, C. Y.; Huang, P. R.; **Hsu, C. W.**; Wu, C. C.; Wang, T. C., Proteomic analyses of genes regulated by heterogeneous nuclear ribonucleoproteins A/B in Jurkat cells. *Proteomics* **2014**, 14, (11), 1357-66.
8. **Hsu, C. W.**; Yu, J. S.; Peng, P. H.; Liu, S. C.; Chang, Y. S.; Chang, K. P.; Wu, C. C., Secretome profiling of primary cells reveals that THBS2 is a salivary biomarker of oral cavity squamous cell carcinoma. *J Proteome Res* **2014**, 13, (11), 4796-807.
9. Lin, S. J.; Chang, K. P.; **Hsu, C. W.**; Chi, L. M.; Chien, K. Y.; Liang, Y.; Tsai, M. H.; Lin, Y. T.; Yu, J. S., Low-molecular-mass secretome profiling identifies C-C motif chemokine 5 as a potential plasma biomarker and therapeutic target for nasopharyngeal carcinoma. *J Proteomics* **2013**, 94, 186-201.
10. Lin, H. R.; Wu, C. C.; Wu, Y. H.; **Hsu, C. W.**; Cheng, M. L.; Chiu, D. T., Proteome-wide dysregulation by glucose-6-phosphate dehydrogenase (G6PD) reveals a novel protective role for G6PD in aflatoxin B(1)-mediated cytotoxicity. *J Proteome Res* **2013**, 12, (7), 3434-48.
11. Wang, L. J.; **Hsu, C. W.**; Chen, C. C.; Liang, Y.; Chen, L. C.; Ojcius, D. M.; Tsang, N. M.; Hsueh, C.; Wu, C. C.; Chang, Y. S., Interactome-wide analysis identifies end-binding protein 1 as a crucial component for the speck-like particle formation of activated absence in melanoma 2 (AIM2) inflammasomes. *Mol Cell Proteomics* **2012**, 11, (11), 1230-44.
12. Chen, C. L.; Lai, Y. F.; Tang, P.; Chien, K. Y.; Yu, J. S.; Tsai, C. H.; Chen, H. W.; Wu, C. C.; Chung, T.; **Hsu, C. W.**; Chen, C. D.; Chang, Y. S.; Chang, P. L.; Chen, Y. T., Comparative and targeted proteomic analyses of urinary microparticles from bladder cancer and hernia patients. *J Proteome Res* **2012**, 11, (12), 5611-29.

Book chapters

C. Research Support

Ongoing Research Support

Completed Research Support (2006-2010)