
BIOGRAPHICAL SKETCH

NAME in English Hua-Chien Chen	POSITION TITLE Associate Professor, Department of Biomedical Sciences
NAME in Chinese 陳華鍵	

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
National Tsing Hua University	B.S.	06/84	Physics
National Tsing Hua University	MS	06/89	Life Science
National Yang-Ming University	Ph.D.	06/95	Biochemistry
Case Western Reserve University	Postdoctoral	06/97	Molecular Biology
National Health Research Institutes	Postdoctoral	07/98	Molecular and Genomic Medicine

A. Positions and Honors

Positions and Employment

1998-2001	Principle Investigator, Biotechnology and Pharmaceutical Research Division National Health Research Institutes
2001-2006	Investigator & Molecular Biology Group Leader, TaiGen Biotechnology Inc.
2006-2009	Associate Research Fellow, Molecular Medicine Research Center, Chang Gung University
2009-	Associate Professor, Department of Life Science, Chang Gung University

B. Selected Peer-reviewed Publications (2005-2010) (in chronological order)

1. Chen SJ, Chen GH, Chen YH, Liu CY, Chang KP, Chang YS and Chen HC* (2010) Characterization of Epstein-Barr Virus miRNAome in Nasopharyngeal Carcinoma by Deep Sequencing. **PLoS ONE** (accepted)
2. Chang KP, Wu CC, Chen HC, Chen SJ, Peng PH, Tsang NM, Lee LY, Liu SC, Liang Y, Lee YS, Hao SP, Chang YS, Yu JS. (2010) Identification of candidate nasopharyngeal carcinoma serum biomarkers by cancer cell secretome and tissue transcriptome analysis: Potential usage of cystatin A for predicting nodal stage and poor prognosis. **Proteomics**. [Epub ahead of print]
3. Chiang CW, Huang Y, Leong KW, Chen LC, Chen HC, Chen SJ, Chou CK. (2010) PKCalpha mediated induction of miR-101 in human hepatoma HepG2 cells. **J Biomed Sci.** 17 (35) p1-p9.
4. Yang CT, Li JM, Weng HH, Li YC, Chen HC, Chen MF. (2010) Adenovirus-mediated transfer of siRNA against survivin enhances the radiosensitivity of human non-small cell lung cancer cells. **Cancer Gene Ther.** 17(2):120-130
5. Tsai KW, Kao HW, Chen HC, Chen SJ, Lin WC. (2009) Epigenetic control of the expression of a primate-specific microRNA cluster in human cancer cells. **Epigenetics** 4(8):587-592.
6. Wang CL, Wang CI, Liao PC, Chen CD, Liang Y, Chuang WY, Tsai YH, Chen HC, Chang YS, Yu JS, Wu CC, Yu CJ (2009) Discovery of Retinoblastoma- Associated Binding Protein 46 as a Novel Prognostic Marker for Distant Metastasis in Non-small Cell Lung Cancer by Combined Analysis of Cancer Cell Secretome and Pleural Effusion Proteome. **J Proteome Res** 8: 4428-4440
7. Lin WC, Li SC, Lin WC, Shin JW, Hu SN, Yu XM, Huang TY, Chen SC, Chen HC, Chen SJ, Huang PJ, Gan RR, Chiu CH, Tang P. (2009) Identification of microRNA in the protist *Trichomonas vaginalis*. **Genomics** 93: 487-493
8. Chen HC, Chen GH, Chen YH, Liao WL, Liu CY, Chang KP, Chang YS, Chen SJ (2009). MicroRNA deregulation and pathway alterations in nasopharyngeal carcinoma. **Br J Cancer** 100: 1002-1011
9. Lee CC, Kuo CJ, Ko TP, Hsu MF, Tsui YC, Chang SC, Yang S, Chen SJ, Chen HC, Hsu MC, Shih SR, Liang PH, Wang AH (2009). Structural basis of inhibition specificities of 3C and 3C-like proteases by zinc-

