

BIOGRAPHICAL SKETCH

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| NAME in English Sheng-Chieh Hsu | POSITION TITLE Assistant Professor Department of Biomedical Sciences Chang Gung University |
| NAME in Chinese 許勝傑 | |

| EDUCATION/TRAINING | | | |
|---|---------------------------|---------|--|
| INSTITUTION AND LOCATION | DEGREE (if applicable) | MM/YY | FIELD OF STUDY |
| Department of Medical Technology, China Medical Collage | B.S. | 06/1993 | Medical Technology |
| Institute of Biopharmaceutical Science, National Yang-Ming University | M.S. | 06/1997 | Biochemistry, Virology |
| Institute of Microbiology and Immunology, National Yang-Ming University | Ph.D. | 08/2001 | Molecular Biology, Virology |
| Institute of Clinical Medicine, National Yang-Ming University | Postdoctoral | 08/2003 | Molecular Biology, Virology |
| Department of Molecular and Cellular Oncology UT M. D. Anderson Cancer Center, Houston, TX | Postdoctoral | 02/2009 | Molecular and Cell Biology, Cancer Biology |

A. Positions and Honors

Positions and Employment

2009- Assistant Professor, Department of Biomedical Sciences, Chang Gung University.

Other Experience and Professional Memberships

2007- Member, American Association for Cancer Research

Honors

1999 Scholarship from National Yang Ming University, Taiwan.
 2000 Scholarship from National Yang Ming University, Taiwan.
 2002 Award of Liver Disease Prevention & Treatment Research Foundation, Taiwan.

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

1. Wu JC, **Hsu SC**, Wang SY, Huang YH, Sheen IJ, Shih HH, Syu WJ. "Defective" mutations of hepatitis D viruses in chronic hepatitis D patients. *World J Gastroenterol.* 11(11):1658-62, 2005.
2. Lo HW, **Hsu SC**, Ali-Seyed M., Gunduz M, Xia W, Wei Y, Bartholomeusz G., Shih JY, Hung MC. Nuclear interaction of EGFR and STAT3 in the activation of iNOS/NO pathway. *Cancer Cell* 7(6):575-89, 2005. (SCI)
3. Chuang CH, Chiu HJ, **Hsu SC**, Ho JY, Syu WJ. Comparison of Tir from enterohemorrhagic and enteropathogenic Escherichia coli strains: two homologues with distinct intracellular properties. *J. Biomed. Sci.* 13(1):73-87, 2006. (SCI)
4. Lo HW, **Hsu SC**, Hung MC. EGFR signaling pathway in breast cancers: from traditional signal transduction to direct nuclear translocation. *Breast Cancer Res. Treat.* 95(3):211-8, 2006. Review (SCI)
5. Lo HW, Ali-Seyed M, Wu Y, Bartholomeusz G, **Hsu SC**, Hung MC. Nuclear-cytoplasmic transport of EGFR involves receptor endocytosis, importin beta1 and CRM1. *J. Cell. Biochem.* 98(6):1570-83, 2006.

- (SCI)
6. **Hsu SC** and Hung MC. Characterization of a novel tripartite nuclear localization sequence in the EGFR family. *J Biol. Chem.* 282(14):10432-40, 2007. (SCI)
 7. Lo WH, **Hsu SC**, Xia W, Cao X, Shih JY, Abbruzzese JL, Hortobagyi GN, Hung MC. Epidermal growth factor receptor cooperates with signal transducer and activator 3 to induce epithelial-mesenchymal transition in cancer cells via up-regulation of TWIST gene expression. *Cancer Res.* 67(19): 9066-76, 2007. (SCI)
 8. **Hsu SC**, Miller SA, Wang Y, Hung MC. Nuclear EGFR is required for cisplatin resistance and DNA repair. *Am. J. Transl. Res.* 1(3):249-58, 2009.
 9. Huo L, Wang YN, Xia W, **Hsu SC**, Lai CC, Li LY, Chang WC, Wang Y, Hsu MC, Yu YL, Huang TH, Ding Q, Chen CH, Tsai CH, Hung MC. RHA is a DNA-binding partner for EGFR-mediated transcriptional activation in the nucleus. *P.N.A.S.* (in press), 2010. (SCI)

C. Research Support

Ongoing Research Support

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| CMRPD180251 Study the novel functionality of nuclear E-cadherin Role: PI | 09/01/09-08/31/12 |
| NSC 99-2311-B-182-005 MY3 Role of nuclear EGFR in DNA repair and chemoresistance Role: PI | 08/01/10-07/31/13 |

Completed Research Support (2006-2010)

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| NSC 98-2320-B-182-037 Exploration of the biological functionality of EGFR in the nucleus. Role: PI | 08/01/09-07/31/10 |
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