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EDUCATION

2006-2013	Ph.D., Institute of Molecular Medicine, National Taiwan University
2004-2006	M.S., Dept. of Biological Science and Technology, National Chiao Tung University
1999-2003	B.A., Dept. of English, National Taiwan Normal University

AWARDS AND PRESENTATIONS

2011	First place of the oral presentation of the 2011 conference of Taiwan Genomics and Genetics Society
2010	Poster presentation of the 2010 Annual conference of Taiwan Genomics and Genetics Society
2010	Poster presentation of the 2010 Annual meeting of American Association for Cancer Research
2005	Presidential Award of Dept. of Biological Science and Technology, National Chiao Tung University
2004	Presidential Award of Dept. of Biological Science and Technology, National Chiao Tung University
1999	Presidential Award of Dept. of English, National Taiwan Normal University

EXPERIENCE

2013-present	Postdoctoral Fellow, College of Medicine, National Taiwan University
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PUBLICATIONS

Referred papers:

- S.-Ja Tseng[±], Zi-Xian Liao[±], **Shih-Han Kao**, Yi-Fang Zeng, Kuo-Yen Huang, Hsin-Jung Li, Chung-Lin Yang, Yu-Fan Deng, Chi-Feng Huang, Shuenn-Chen Yang, Pan-Chyr Yang, and Ivan M. Kempson. Highly specific in-vivo gene delivery for p53-mediated apoptosis and genetic photodynamic therapies of tumour from a versatile acidosis-responsive carrier. Submitted to **Nature Communications** (Article ID: NCOMMS-14-17985-T; Stage: Manuscript in peer review). 2014
Impact factor: 10.742, SCI Rank Factor: 3/55 in Multidisciplinary Sciences
- **Shih-Han Kao**, Wen-Lung Wang, Chi-Yuan Chen, Yih-Leong Chang, Yi-Ying Wu, Yi-Ting Wang, Shu-Ping Wang, Alexey I Nesvizhskii, Yu-Ju Chen, Tse-Ming

Hong, Pan-Chyr Yang. GSK3 β controls epithelial-mesenchymal transition and tumor metastasis by CHIP-mediated degradation of Slug. **Oncogene**. 2014 Jun 12; 33 (24): 3172-82.

Impact factor: 7.357, SCI Rank Factor: 19/196 in Oncology; Cited by 3

- Wen-Lung Wang, Hsiao-Chun Huang, **Shih-Han Kao**, Yi-Chiung Hsu, Yi-Ting Wang, Ker-Chau Li, Yu-Ju Chen, Sung-Liang Yu, Shu-Ping Wang, Tzu-Hung Hsiao, Pan-Chyr Yang and Tse-Ming Hong. Slug is temporally regulated by cyclin E in cell cycle and controls genomic stability. **Oncogene**. 2014. (doi: 10.1038/onc.2014.58).
Impact factor: 7.357, SCI Rank Factor: 19/196 in Oncology
- Lu-Kai Wang, Tzu-Hung Hsiao, Tse-Ming Hong, Hsuan-Yu Chen, **Shih-Han Kao**, Wen-Lung Wang, Sung-Liang Yu, Ching-Wen Lin, Pan-Chyr Yang. MicroRNA-133a suppresses multiple oncogenic membrane receptors and cell invasion in non-cell lung carcinoma. **Plos One**. 2014; 9(5): e96765
Impact factor: 3.730, SCI Rank Factor: 7/56 in Multidisciplinary Sciences
- Ching-Wen Lin¹, **Shih-Han Kao**¹ (contributed equally first to the paper), Pan-Chyr Yang. The miRNAs and Epithelial-Mesenchymal Transition in Cancers. **Current Pharmaceutical Design**. 2014; 20 (33): 5309-18.
Impact factor: 3.311, SCI Rank Factor: 65/261 in Pharmacology & Pharmacy
- Chen-Si Lin, **Shih-Han Kao**, Yu-Cheng Chen, Chi-Han Li, Yuan-Ting Hsieh, Shang-Chih Yang, Chang-Jer Wu, Ru-Ping Lee, Kuang-Wen Liao. Enhancement of anti-murine colon cancer immunity by fusion of a SARS fragment to a low-immunogenic carcinoembryonic antigen. **Biol Proced Online**. 2012 Feb 3;14:2.
Impact factor: 0.950, SCI Rank Factor: 65/75 in Biochemical Research Methods
- Shu-Ping Wang, Wen-Lung Wang, Yih-Leong Chang, Chen-Tu Wu, Yu-Chih Chao, **Shih-Han Kao**, Ang Yuan, Chung-Wu Lin, Shuenn-Chen Yang, Wing-Kai Chan, Ker-Chau Li, Tse-Ming Hong, Pan-Chyr Yang. p53 controls cancer cell invasion by inducing the MDM2-mediated degradation of Slug. **Nature Cell Biology**. 2009 11 (6): p. 694-704.
Impact factor: 20.767, SCI Rank Factor: 6/184 in Cell Biology; Cited by 162

In preparation:

- **Shih-Han Kao**, *et al.* Tumor microenvironment-responsive delivery for tumor therapy. (In preparation).
- Kuo-Yen Huang, **Shih-Han Kao**, Wen-Lung Wang, Chi-Yuan Chen, Jeremy J.W. Chen, Shuenn-Chen Yang, Tse-Ming Hong, Ching-Shih Chen, Pan-Chyr Yang. Direct Binding of T315 to Epidermal Growth Factor Receptor (EGFR) Enhances EGFR Protein Degradation and Suppresses Lung Adenocarcinoma Growth. (In preparation).