

Name

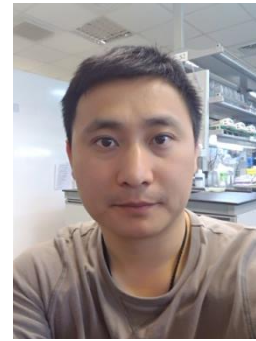
- Heng-Hsiung Wu

Title

- Assistant Professor

Contact

- Office: Cancer Center Building 8F, China Medical University Hospital, 91 Hsueh-Shih Road, Taichung 40402, Taiwan, ROC.
- Tel: +886-4+ 22052121 ext. 7833
- E-mail: henghsiungwu@mail.cmu.edu.tw

**Resume**

- Degree:
2003-2010 Ph.D., Institute of Medical and Molecular Toxicology, Chung Shan Medical University. Research topic: 1. To explore the oncogenic roles of HPV16/18 E6 in lung tumor progression. 2. Characterization of the underlying mechanism of cytoplasmic Ape/Ref-1-induced lung cancer malignancy. Advisor: Dr. Huei Lee
- Experiences:
2011-2016 Postdoctoral Fellow, Genomics Research Center, Academia Sinica. Research topic: Investigation of the roles of IL-17RB in pancreatic cancer development. Advisor: Dr. Wen-Hwa Lee and Eva Y.-H. P. Lee.
2016- Assistant Professor, Graduate Institute of Biomedical Science, China Medical University
- Honors and awards:
2016 Taiwan National Science Council Postdoctoral Fellow Academic Publication Award
2015 Academia Sinica Postdoctoral Fellowship Grant
2012 Academia Sinica Postdoctoral Fellowship Grant
2010 The member of the Phi Tau Phi Scholastic Honor Society
2007 Poster Award of Toxicology Society of Taiwan, the 22rd Joint Annual Conference of Biomedical Sciences

Fields of Specialty

- Cancer biology
- Molecular biology
- Toxicology

Research

- Pancreatic cancer
- Metastasis
- Tumor microenvironment
- Development of therapeutic strategies

Paper & Project

(* equal contribution)

1. Lee W.H., **H.H. Wu**, C.K. Huang, 2015. Targeting interleukin-17 receptors. *Oncotarget* 6(21):18244-5.
2. **Wu, H.H.***, W. Hwang-Verslues*, W.H. Lee, C.K. Huang, P.C. Wei, C.L. Chen, J.Y. Shew, E.Y. Lee, Y.M. Jeng, Y.W. Tien, C. Ma, W.H. Lee. 2015. Targeting IL-17B/RB signaling with an anti-IL-17RB antibody blocks pancreatic cancer metastasis by silencing multiple chemokines. *The journal of experimental medicine* 212(3):333-49.
3. Huang, C.K., C.Y. Yang, Y.M. Jeng, C.L. Chen, **H.H. Wu**, Y.C. Chang, C. Ma, W.H. Kuo, K.J. Chang, J.Y. Shew, and W.H. Lee. 2014. Autocrine/paracrine mechanism of interleukin-17B receptor promotes breast tumorigenesis through NF-kappaB-mediated antiapoptotic pathway. *Oncogene* 33:2968-2977.
4. **Wu, H.H.**, Y.C. Chu, L. Wang, L.H. Tsai, M.C. Lee, C.Y. Chen, S.H. Shieh, Y.W. Cheng, and H. Lee. 2013. Cytoplasmic Ape1 expression elevated by p53 aberration may predict survival and relapse in resected non-small cell lung cancer. *Annals of surgical oncology* 20 Suppl 3:S336-347.
5. Tung, M.C.*, **H.H. Wu***, Y.W. Cheng, L. Wang, C.Y. Chen, S.D. Yeh, T.C. Wu, and H. Lee. 2013. Association of epidermal growth factor receptor mutations with human papillomavirus 16/18 E6 oncoprotein expression in non-small cell lung cancer. *Cancer* 119:3367-3376.
6. **Wu, H.H.**, J.Y. Wu, Y.W. Cheng, C.Y. Chen, M.C. Lee, Y.G. Goan, and H. Lee. 2010b. cIAP2 upregulated by E6 oncoprotein via epidermal growth factor receptor/phosphatidylinositol 3-kinase/AKT pathway confers

resistance to cisplatin in human papillomavirus 16/18-infected lung cancer. *Clinical cancer research* 16:5200-5210.

7. **Wu, H.H.**, Y.W. Cheng, J.T. Chang, T.C. Wu, W.S. Liu, C.Y. Chen, and H. Lee. 2010a. Subcellular localization of apurinic endonuclease 1 promotes lung tumor aggressiveness via NF-kappaB activation. *Oncogene* 29:4330-4340.
8. Tung, J.N.* , **H.H. Wu***, C.C. Chiang, Y.Y. Tsai, M.C. Chou, H. Lee, and Y.W. Cheng. 2010. An association between BPDE-like DNA adduct levels and CYP1A1 and GSTM1 polymorphisms in pterygium. *Molecular vision* 16:623-629.