

Curriculum Vitae

Contact Information:

Name: Wen-Hui Su
Title: Assistant Professor
Institute: Department of Biomedical Sciences
Chang Gung University
Address: 259 Wen-Hwa 1st Road, Taoyuan 333, Taiwan
Telephone: +886-3-211-8800 ext. 3564
Email: whsu@mail.cgu.edu.tw

Education:

Ph.D (Dec. 2006), Graduate Institute of Life Sciences, National Defense Medical Center, Taipei, Taiwan.
M.S. (Jun. 1994), Graduate Institute of Entomology, National Chung Hsing University, Taichung, Taiwan.
B.S. (Jun. 1992), Department of Entomology, National Chung Hsing University, Taichung, Taiwan.

Employment:

Associate Professor, Department of Biomedical Sciences, Chang Gung University, Taoyuan, Taiwan, 2019 –
Assistant Professor, Department of Biomedical Sciences, Chang Gung University, Taoyuan, Taiwan, 2011 -2019
Assistant Research Fellow, Molecular Medicine Research Center, Chang Gung University, Taoyuan, Taiwan, 2007 – 2011
Postdoctoral Fellow, Molecular Medicine Research Center, Chang Gung University, Taoyuan, Taiwan, 2007 –2007

Publications:

(A) Journal papers:

1. Xiao-Yu Zuo, Qi-Sheng Feng, Jian Sun, Pan-Pan Wei, Yoon-Ming Chin,

- Yun-Miao Guo, Yun-Fei Xia, Bo Li, Xiao-Jun Xia, Wei-Hua Jia, Jian-Jun Liu, Alan Soo-Beng Khoo, Taisei Mushiroda, Ching-Ching Ng*, **Wen-Hui Su***, Yi-Xin Zeng*, and Jin-Xin Bei* (2019) X-chromosome association study reveals genetic susceptibility loci of nasopharyngeal carcinoma. *Biology of Sex Differences* 10:13 (SCI: Impact factor: 3.543, 57/171 GENETICS & HEREDITY) (*equal contributed corresponding author)
2. **Wen-Hui Su***, Yuh-Shan Jou, Jia-Hao Zhang, Chun-Ming Ho, Dar-In Tai (2018) Mutations in NOTCH1 and nucleotide excision repair genes are correlated with prognosis of hepatitis B virus-associated hepatocellular carcinoma. *Journal of Cancer* 9(15): 2678-2686 (SCI: Impact factor: 3.249, 108/222 ONCOLOGY) (*Corresponding author) (NSC 100-2320-B-182-005, MOST 104-2314-B-182-033-MY3, BMRPC18, CMRPD3D0121, CMRPD3D0122, CMRPD3D0123)
 3. The Telomeres Mendelian Randomization Collaboration (2017) Association between telomere length and risk of cancer and non-neoplastic diseases a mendelian randomization study. *JAMA Oncology* 3(5):636-651 (SCI: Impact factor: 20.871, 8/222 ONCOLOGY)
 4. Jin-Xin Bei[†], **Wen-Hui Su[†]**, Ching-Ching Ng[†], Kai Yu, Yoon-Ming Chin, Pei-Jen Lou, Wan-Lun Hsu, James D. McKay, Chien-Jen Chen, Yu-Sun Chang, Jian-Jun Liu, Yi-Xin Zeng, and Allan Hildesheim for the International Nasopharyngeal Carcinoma Genetics Working Group (2016) A GWAS meta-analysis and replication study identifies a novel locus within CLPTM1L/TERT associated with nasopharyngeal carcinoma in individuals of Chinese ancestry. *Cancer Epidemiology Biomarkers & Prevention* 25(1):188-92 (SCI: Impact factor: 4.554, 13/180 PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH) ([†]equal contributed first author)
 5. **Wen-Hui Su***, Chi-Cking Chiu, Yin Yao Shugart (2015) Heterogeneity revealed through meta-analysis might link geographical differences with nasopharyngeal carcinoma incidence in Han Chinese population. *BMC Cancer* 15:598. (SCI: Impact factor: 3.288, 106/222 ONCOLOGY) (*Corresponding author) (NSC 101-2314-B-182-MYC, MOST 104-2314-B-182-033-MY3, CMRPD1A0383, CMRPD3D0121)
 6. Su-Wei Chang, Cathy Shen-Jang Fann, **Wen-Hui Su**, Yu Chen Wang, Chia Chan Weng, Chia-Jung Yu, Chia-Lin Hsu, Ai-Ru Hsieh, Rong-Nan Chien, Chia-Ming Chu, Dar-In Tai (2014) A Genome-Wide Association Study on Chronic HBV Infection and Its Clinical Progression in Male Han-Taiwanese. *PLoS One* 9(6):e99724. (SCI: Impact factor: 2.766, 15/64 MULTIDISCIPLINARY SCIENCES)
 7. **Wen-Hui Su***, Yin Yao Shugart, Kai-Ping Chang, Ngan-Ming Tsang, Ka-Po Tse, and Yu-Sun Chang (2013) How Genome-Wide SNP-SNP Interactions Relate to Nasopharyngeal Carcinoma Susceptibility.

PLoS One 8(12):e83034. (SCI: Impact factor: 2.766, 15/64 MULTIDISCIPLINARY SCIENCES) (*Corresponding author) (NSC 101-2314-B-182-051-MY3; CMRPD1A0381, CMRPD1A0382, CMRPD1A0383)

8. **Wen-Hui Su***, Allan Hildesheim, and Yu-Sun Chang (2013) Human Leukocyte Antigens and Epstein-Barr Virus-Associated Nasopharyngeal Carcinoma: Old Associations Offer New Clues into the Role of Immunity in Infection-Associated Cancers. **Frontiers in Oncology** 3(299):1-9. (Invited Review) (SCI: Impact factor: 4.416, 64/222 ONCOLOGY) (*Corresponding author)
9. Wan-Lun Hsu, Ka-Po Tse, Sharon Liang, Yin-Chu Chien, **Wen-Hui Su**, Kelly Yu, Yu-Juen Cheng, Ngan-Ming Tsang, Mow-Ming Hsu, Kai-Ping Chang, I-How Chen, Tzu-I Chen, Czau-Siung Yang, Alisa Goldstein, Chien-Jen Chen, Allan Hildesheim, and Yu-Sun Chang (2012) Evaluation of Human Leukocyte Antigen-A (HLA-A), Other non-HLA Markers on Chromosome 6p21 and Risk of Nasopharyngeal Carcinoma. **PLoS One** 7(8): e42767. (SCI: Impact factor: 2.766, 15/64 MULTIDISCIPLINARY SCIENCES)
10. Lin KT, Wang YW, Chen CT, Ho CM, **Su WH**, and Jou YS. (2012) HDAC inhibitors augmented cell migration and metastasis through induction of PKCs leading to identification of low toxicity modalities for combination cancer therapy. **Clinical Cancer Research** 18(17): 4691-4701. (SCI: Impact factor: 10.199, 12/222 ONCOLOGY)
11. C-Y Chang, S-C Lin, **W-H Su**, C-M Ho, and Y-S Jou. (2012) Somatic LMCD1 mutations promoted cell migration and tumor metastasis in hepatocellular carcinoma. **Oncogene** 31(21):2640-52. (SCI: Impact factor: 7.519, 21/217 ONCOLOGY)
12. Sen Kao, Cheng-Kai Shiau, De-Leung Gu, Chun-Ming Ho, **Wen-Hui Su**, Chian-Feng Chen, Chi-Hung Lin, Yuh-Shan Jou. (2012) IGDB.NSCLC: Integrated Genomic Database of Non-Small Cell Lung Cancer. **Nucleic Acids Research** 40(Database issue): D972-7. (SCI: Impact factor: 11.561, 10/292 BIOCHEMISTRY & MOLECULAR BIOLOGY)
13. Ka-Po Tse[†], **Wen-Hui Su**[†], Min-lee Yang, Hsiao-Yun Cheng, Ngan-Ming Tsang, Kai-Ping Chang, Sheng-Po Hao, Yin Yao Shugart, and Yu-Sun Chang. (2011) A gender-specific association of CNV at 6p21.3 with NPC susceptibility. **Human Molecular Genetics** 20(14):2889-2896. (SCI: Impact factor: 4.902, 31/171 GENETICS & HEREDITY) ([†]equal contributed first author) (NSC 99-3112-B-182-006)
14. Chih-Ching Wu, Chia-Wei Hsu, Chi-De Chen, Chia-Jung Yu, Kai-Ping Chang, Dar-In Tai, Hao-Ping Liu, **Wen-Hui Su**, Yu-Sun Chang, and Jau-Song Yu (2010) Candidate Serological Biomarkers for Cancer Identified from the Secretomes of 23 Cancer Cell Lines and the Human Protein Atlas. **Molecular and Cellular Proteomics**

9(6):1100-17. (SCI: Impact factor: 5.232; 9/76 BIOCHEMICAL RESEARCH METHODS)

15. Ka-Po Tse[†], **Wen-Hui Su**[†], Kai-Ping Chang, Ngan-Ming Tsang, Chia-Jung Yu, Petrus Tang, Lee-Chu See, Chuen Hsueh, Min-Lee Yang, Sheng-Po Hao, Hong-Yi Li, Ming-Hsi Wang, Li-Ping Liao, Lih-Chyang Chen, Sheue-Rong Lin, Yu-Sun Chang, and Yin Yao Shugart. (2009) Genome-wide association study reveals multiple nasopharyngeal Carcinoma-associated loci within the HLA region at chromosome 6p21.3. *American Journal of Human Genetics* 85(2):194-203 (SCI: Impact factor: 8.855; 12/171 GENETICS & HEREDITY) ([†]equal contributed first author) (NSC 99-3112-B-182-006)
16. **Wen-Hui Su**, Chuan-Chuan Chao, Shiou-Hwei Yeh, Ding-Shinn Chen, Pei-Jer Chen, and Yuh-Shan Jou. (2007) OncoDB.HCC: An integrated genomic database of hepatocellular carcinoma revealed aberrant cancer target genes and loci. *Nucleic Acids Research*, 35:D727-D731. (SCI: Impact factor: 11.561, 10/292 BIOCHEMISTRY & MOLECULAR BIOLOGY)
17. Ya-Hui Chang[†], **Wen-Hui Su**[†], Tso-Ching Lee, Hsiao-Fang Sunny Sun, Chia-Hsaing Chen, Wen-Harn Pan, Shih-Feng Tsai and Yuh-Shan Jou (2005) TPMD: A Database and Resources of Microsatellite Marker Genotyped in Taiwanese Populations. *Nucleic Acids Research* 33:D174-D177. (SCI: Impact factor: 11.561, 10/292 BIOCHEMISTRY & MOLECULAR BIOLOGY) ([†]equal contributed first author).

(B) Conference papers:

1. **Wen-Hui Su**, Fu-Chun Chan (2019) Transcriptome-wide association study analysis of nasopharyngeal carcinoma. Annual meeting of American Association for Cancer Research, Atlanta, USA. *Cancer Research* 79(13 Suppl): Abstract nr 1594.
2. **Wen-Hui Su**, Jia-Hao Zhang, Kai-Ping Chang (2018) Expression quantitative trait loci analysis of nasopharyngeal carcinoma. The European Human Genetics Conference 2018. In proceedings. Milan, Italy.
3. **Wen-Hui Su**, Chi-Ching Chiu, Kai-Ping Chang (2017) Epstein-Bar virus -host miRNA expression profiles in nasopharyngeal carcinoma. Annual Meeting of American Association for Cancer Research. Washington DC, USA. *Cancer Research* 77(13 Suppl): Abstract nr 4425.
4. **Wen-Hui Su**, Chi-Ching Chiu, Kai-Ping Chang (2016) Fine mapping of nasopharyngeal carcinoma susceptible region discovered by genome-wide association study. The 13th International Congress of Human Genetics. In proceedings, Kyoto, Japan.

5. **Wen-Hui Su**, Chi-Cking Chiu, Yin Yao Shugart (2015) Heterogeneity revealed through meta-analysis might link geographical differences with nasopharyngeal carcinoma incidence in Han Chinese. Annual Meeting of American Association for Cancer Research. In proceedings; 2015. Abstract nr 2621. Philadelphia, USA. **Cancer Research** 75(15 Suppl): Abstract nr 4630.
6. Jia-Hao Zhang, Kai-Ping Chang, **Wen-Hui Su** (2014) Integrated analysis of Epstein-Barr virus micro RNA expression profile in nasopharyngeal carcinoma. 16th International Symposium on EBV. In proceedings. Brisbane, Australia.
7. **W.-H. Su**, C.-C. Chiu, and Y. Yao Shugart (2014) Meta-analysis of 6p21.3 polymorphisms in nasopharyngeal carcinoma. Human Genome Meeting 2014. In proceedings. Geneva, Swiss.
8. **Wen-Hui Su**, and Yu-Sun Chang (2013) Genome-Wide Two-locus Epistasis Analysis of Nasopharyngeal Carcinoma. 6th International Symposium on Nasopharyngeal Carcinoma. In proceedings. Istanbul, Turkey. (**Selected for oral presentation**)
9. **Wen-Hui Su**, Chi-Yuan Lee, Kai-Ping Chang, Ngan-Ming Tsang, and Yu-Sun Chang (2013) Discovery of nasopharyngeal carcinoma susceptible genes from whole genome imputation of genome-wide association study. 103rd Annual Meeting of American Association for Cancer Research. Chicago, IL, USA. **Cancer Research** 72(8 Suppl): Abstract nr 1669.
10. Chyong-Huey Lai, Angel Chao, Chiao-Yun Lin, Chu-Chun Huang, **Wen-Hui Su** (2012) Genome-wide association analysis in host characteristics of progression to high-grade cervical intraepithelial neoplasia for women with human papilloma virus infection and normal cytology. 2012 Annual Meeting of American Society of Clinical Oncology, Chicago, IL, USA. **Journal of Clinical Oncology** 30(15 Suppl): Abstract nr 5109.
11. **Wen-Hui Su**, Ka-Po Tse, Min-lee Yang, Yin Yao Shugart, and Yu-Sun Chang (2011) Copy number variation analysis identified multiple genetic variants related to nasopharyngeal carcinoma predisposition. 102nd Annual Meeting of American Association for Cancer Research. Orlando, FL, USA. **Cancer Research** 71(8 Suppl): Abstract nr 882.
12. **Wen-Hui Su**, Ka-Po Tse, Min-Lee Yang, Yu-Sun Chang, and Yin Yao Shugart (2010) Identification of multiple genetic variants related to nasopharyngeal carcinoma predisposition through genome-wide scan. The 60th annual meeting of the American Society of Human Genetics. Washington DC, USA.
13. **Wen-Hui Su**, Chun-Ming Ho, and Yuh-Shan Jou (2008) Discovery of cancer genes through comparative oncogenomic analysis of

hepatocellular carcinoma. The 9th International Conference on Systems Biology. Goteborg, Sweden. (**Selected for oral presentation**).

14. Kuen-Tyng Lin, Yuh-Shan Jou and **Wen-Hui Su** (2007) Comparative oncogenomic analysis of hepatocellular carcinoma in human and rodent models for revealing putative cancer genes. American Association for Cancer Research Annual Meeting. In proceedings; 2007. Abstract nr 3709. Los Angeles, CA, USA
15. **Wen-Hui Su**, Chuan-Chuan Chao and Yuh-Shan Jou (2006) OncoDB.HCC: an integrated oncogenomic database of human hepatocellular carcinoma for revealing cancer genes and genomic biology. The 10th Annual International Conference on Research in Computational Molecular Biology. Venice, Italy
16. **Wen-Hui Su**, Chuan-Chuan Chao and Yuh-Shan Jou (2006) Identification of putative cancer loci and genes through comparative genomic analysis of human hepatocellular carcinoma and its rodent models. The 7th Asia-Pacific Human Genetics Conference, Taipei, Taiwan
17. **Wen-Hui Su**, and Yuh-Shan Jou (2005) Integration of expression profiling and chromosome aberration data in human hepatocellular carcinoma. American Association for Cancer Research Annual Meeting. In: Proc Amer Assoc Cancer Res 2005; 46:30. Los Angeles, CA, USA.