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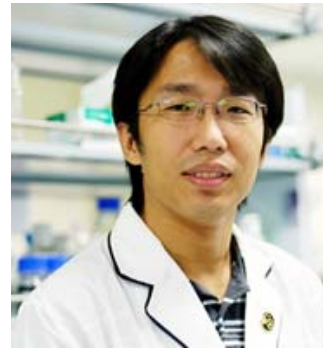
- Wei-Chien Huang

Title

- Associate Professor

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**Resume**

- Education and Training:
 - 2006/04~2007/11 Postdoc. Department of Molecular and Cellular Oncology, UT. M.D. Anderson Cancer Center
 - 2003/04~2006/03 Postdoc. Department of Pharmacology, College of Medicine, National Taiwan University
 - 2000/09~2003/03 Ph.D. Department of Pharmacology, College of Medicine, National Taiwan University
 - 1998/09~2000/06 Master Department of Pharmacology, College of Medicine, National Cheng-Kung University
- Current position and relevant experience:
 - 2016/08~ Associate Professor, Graduate Institute of Biomedical Sciences, China Medical University, Taichung, Taiwan
 - 2012/11~ Research Fellow, Center for Molecular Medicine, China Medical University Hospital, Taichung, Taiwan
 - 2011/8~ Associate Professor, Graduate Institute of Cancer Biology, China Medical University, Taichung, Taiwan
 - 2007/11~2012/10 Associate Research Fellow, Center for Molecular Medicine, China Medical University Hospital, Taichung, Taiwan
 - 2008/02~2011/7 Assistant Professor, Graduate Institute of Cancer Biology, China Medical University, Taichung, Taiwan

- Major awards and honors:
 - 2012 Teacher Award for Outstanding Teaching Performance, College of Medicine, China Medical University
 - 2007.11.10 Young Scholar Award for Medical Research, Professor C. Y. Lee Foundation
 - 2006.03.18 Young Research Scholar Award, The Pharmacological Society in Taiwan
 - 2004.12.15 Excellent Ph.D. thesis Award of Wang Ming-Ning Memorial Foundation, Wang Ming-Ning Memorial Foundation
 - 2004.03.12 Graduate Travel Award , American Society for Biochemistry and Molecular Biology

Fields of Specialty

- Pharmacology
- Signal transduction
- Cancer Biology
- Epigenetics
- Molecular Biology
- Drug resistance

Research

- Pharmacology
- Signal transduction
- Cancer Biology
- Epigenetics
- Molecular Biology
- Drug resistance

Paper & Project

(* equal contribution)

1. Chen WS, Liu LC, C Yen CJ, Chen YJ, Chen JY, Ho CY, Liu SH, Chen CC, **Huang WC***. Nuclear IKK α mediates microRNA-7/-103/107/21 inductions to downregulate maspin expression in response to HBx overexpression. *Oncotarget*. In press 2016.
2. **Huang WC**, C Hung CM, Wei CT, Chien PH, Pan HL, Chen TM, Chen YJ*. Interleukin-6 expression contributes to lapatinib resistance through maintenance of stemness property in HER2-positive breast cancer cells.

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3. Chen, J-Y., Chen, Y-J., Chen, W-S., and **Huang WC**: HBx sensitizes hepatocellular carcinoma cells to lapatinib by up-regulating ErbB3. *Oncotarget* 2016 Jan 5;7(1):473-89.
4. Hsiao, Y-C., Yeh, M-H., Chen, Y-J. Liu, J-F., Tang, C-H. and **Huang, W-C**. Lapatinib increases motility of triple-negative breast cancer cells by decreasing MiRNA-7 and inducing Raf-1/MAPK-dependent interleukin-6. *Oncotarget* 2015 Nov 10;6(35):37965-78.
5. Wu WB, **Huang WC**. Therapeutic Strategies against Inflammation-Related Diseases: Molecular Mechanisms and Clinical Applications. *Biomed Res Int*. 2015;2015:382730. doi: 10.1155/2015/382730. Epub 2015 Aug 4. PubMed PMID: 26345163.
6. Chen WS, Yen CJ, Chen YJ, Chen JY, Wang LY, Chiu SJ, Shih WL, Ho CY, Wei TT, Pan HL, Chien PH, Hung MC, Chen CC, **Huang WC**. miRNA-7/21/107 contribute to HBx-induced hepatocellular carcinoma progression through suppression of maspin. *Oncotarget*. 2015 Jul 17. [Epub ahead of print] PubMed PMID: 26296971.
7. Sung SY, Wu IH, Chuang PH, Petros JA, Wu HC, Zeng HJ, **Huang WC**, Chung LW, Hsieh CL. Targeting L1 cell adhesion molecule expression using liposome-encapsulated siRNA suppresses prostate cancer bone metastasis and growth. *Oncotarget*. 2014 Oct 30;5(20):9911-29. PubMed PMID: 25294816; PubMed Central PMCID: PMC4259447.
8. Wu CS, Lee TY, Chou RH, Yen CJ, **Huang WC**, Wu CY, Yu YL. Development of a highly sensitive glycan microarray for quantifying AFP-L3 for early prediction of hepatitis B virus-related hepatocellular carcinoma. *PLoS One*. 2014 Jun 13;9(6):e99959. doi: 10.1371/journal.pone.0099959. eCollection 2014. PubMed PMID: 24927126; PubMed Central PMCID: PMC4057280.
9. Hung CM*, **Huang WC***, Pan HL, Chien PH, Lin CW, Chen LC, Chien YF, Lin CC, Leow KH, Chen WS, Chen JY, Ho CY, Hou PS, Chen YJ. Hepatitis B virus X upregulates HuR protein level to stabilize HER2 expression in hepatocellular carcinoma cells. *Biomed Res Int*. 2014;2014:827415. doi: 10.1155/2014/827415. Epub 2014 Feb 27. PubMed PMID: 24719890; PubMed Central PMCID: PMC3955687.
10. Tu CY, Chen CH, Hsia TC, Hsu MH, Wei YL, Yu MC, Chen WS, Hsu KW, Yeh MH, Liu LC, Chen YJ, **Huang WC**. Trichostatin A suppresses EGFR expression through induction of microRNA-7 in an HDAC-independent manner in lapatinib-treated cells. *Biomed Res Int*. 2014;2014:168949. doi:

10.1155/2014/168949. Epub 2014 Feb 23. PubMed PMID: 24707474; PubMed Central PMCID: PMC3950925.

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12. Chen YJ, Yeh MH, Yu MC, Wei YL, Chen WS, Chen JY, Shih CY, Tu CY, Chen CH, Hsia TC, Chien PH, Liu SH, Yu YL, **Huang WC#**. Lapatinib-induced NF-kappaB activation sensitizes triple-negative breast cancer cells to proteasome inhibitors. *Breast Cancer Res*. 2013 Nov 12;15(6):R108. doi: 10.1186/bcr3575. PubMed PMID: 24216290; PubMed Central PMCID: PMC3979035.
13. Wu CS, Yen CJ, Chou RH, Chen JN, **Huang WC**, Wu CY, Yu YL. Downregulation of microRNA-15b by hepatitis B virus X enhances hepatocellular carcinoma proliferation via fucosyltransferase 2-induced Globo H expression. *Int J Cancer*. 2014 Apr 1;134(7):1638-47. doi: 10.1002/ijc.28501. Epub 2013 Oct 15. PubMed PMID: 24122375.
14. Chen YJ, Chien PH, Chen WS, Chien YF, Hsu YY, Wang LY, Chen JY, Lin CW, Huang TC, Yu YL, **Huang WC#**. Hepatitis B Virus-Encoded X Protein Downregulates EGFR Expression via Inducing MicroRNA-7 in Hepatocellular Carcinoma Cells. *Evid Based Complement Alternat Med*. 2013;2013:682380. doi: 10.1155/2013/682380. Epub 2013 Jun 11. PubMed PMID: 23840262; PubMed Central PMCID: PMC3693120.
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Patents:

1. Yun-Ju Chen, **Wei-Chien Huang**, Jhen-Yu Chen, Pei-Hsuan Chien, Wen-Shu Chen. HBx基因表現程度作為分子指標之用途 I522472 2016.2.21 ~ 2034.2.18 中華民國發明專利
2. Yun-Ju Chen, **Wei-Chien Huang**, Jhen-Yu Chen, Pei-Hsuan Chien, Wen-Shu Chen. 評估拉帕替尼於肝癌療效的用法與ErbB3基因表現程度作為分子指標之用途 I535852 2016.6.1 ~ 2034.2.18 中華民國發明專利