

Curriculum Vitae

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Education/ Training

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Graduate Institute of Medical Sciences, Taipei Medical University	Ph.D	2005.08-2009.12	Molecular Biology
Graduate Institute of Anatomy and Cell Biology, National Yang-Ming University	Research Assistant	2010.01-2010.04	Molecular Biology
Graduate Institute of Anatomy and Cell Biology, National Yang-Ming University	Postdoctoral	2010.05-2014.07	Molecular Biology

具備九十一年度醫事技術人員專技高考執照 (檢字第012543號)

Honors and Awards

第六屆財團法人台北市林榮耀教授學術教育基金會 (2009)—Poster Award

Publications

- Hsu, K.W.**, Fang, W.L., Huang, K.H., Huang, T.T., Lee, H.C., Hsieh, R.H., Chi, C.W., and Yeh, T.S. (2016) Notch1 pathway-mediated microRNA-151-5p promotes gastric cancer progression. *Oncotarget*, **7**, 38036-38051.
- Wang, A.M., Huang, T.T., **Hsu, K.W.**, Huang, K.H., Fang, W.L., Yang, M.H., Lo, S.S., Chi, C.W., Lin, J.J., and Yeh, T.S. (2014) Yin Yang 1 is a target of microRNA-34 family and contributes to gastric carcinogenesis. *Oncotarget*, **5**, 5002-5016.
- Hsu, K.W.**, Wang, A.M., Ping, Y.H., Huang, K.H., Huang, T.T., Lee, H.C., Lo, S.S., Chi,

- C.W. and Yeh, T.S. (2014) Down-regulation of tumor suppressor MBP-1 by microRNA-363 in gastric carcinogenesis. *Carcinogenesis*, **35**, 208-217.
4. **Hsu, K.W.**, Hsieh, R.H., Huang, K.H., Fen-Yau Li, A., Chi, C.W., Wang, T.Y., Tseng, M.J., Wu, K.J. and Yeh, T.S. (2012) Activation of the Notch1/STAT3/Twist signaling axis promotes gastric cancer progression. *Carcinogenesis*, **33**, 1459-1467.
 5. Tseng, Y.C., Tsai, Y.H., Tseng, M.J., **Hsu, K.W.**, Yang, M.C., Huang, K.H., Li, A.F., Chi, C.W., Hsieh, R.H., Ku, H.H. and Yeh, T.S. (2012) Notch2-induced COX-2 expression enhancing gastric cancer progression. *Mol. Carcinog.*, **51**, 939-951.
 6. **Hsu, K.W.**, Hsieh, R.H., Wu, C.W., Chi, C.W., Lee, Y.H., Kuo, M.L., Wu, K.J. and Yeh, T.S. (2009) MBP-1 suppresses growth and metastasis of gastric cancer cells through COX-2. *Mol. Biol. Cell*, **20**, 5127-5137.
 7. Yeh, T.S., Wu, C.W., **Hsu, K.W.**, Liao, W.J., Yang, M.C., Li, A.F., Wang, A.M., Kuo, M.L. and Chi, C.W. (2009) The activated Notch1 signal pathway is associated with gastric cancer progression through cyclooxygenase-2. *Cancer Res.*, **69**, 5039-5048.
 8. **Hsu, K. W.**, Wang, A. M., and Yeh, T. S. (2008). Roles of Notch receptor in tumorigenesis. *BioMedicine*, **1**, 17-23. (in Chinese)
 9. **Hsu, K.W.**, Hsieh, R.H., Lee, Y.H., Chao, C.H., Wu, K.J., Tseng, M.J. and Yeh, T.S. (2008) The activated Notch1 receptor cooperates with alpha-enolase and MBP-1 in modulating c-myc activity. *Mol. Cell. Biol.*, **28**, 4829-4842.
 10. Liao, W.R., Hsieh, R.H., **Hsu, K.W.**, Wu, M.Z., Tseng, M.J., Mai, R.T., Wu Lee, Y.H. and Yeh, T.S. (2007) The CBF1-independent Notch1 signal pathway activates human c-myc expression partially via transcription factor YY1. *Carcinogenesis*, **28**, 1867-1876.
 11. Chen, Y.J., **Hsu, K.W.** and Chen, Y.L. (2006) Acute glucose overload potentiates nitric oxide production in lipopolysaccharide-stimulated macrophages: the role of purinergic receptor activation. *Cell Biol. Int.*, **30**, 817-822.
 12. Chen, Y.J., **Hsu, K.W.**, Tsai, J.N., Hung, C.H., Kuo, T.C. and Chen, Y.L. (2005) Involvement of protein kinase C in the inhibition of lipopolysaccharide-induced nitric oxide production by thapsigargin in RAW 264.7 macrophages. *Int. J. Biochem. Cell Biol.*, **37**, 2574-2585.

Conference Abstracts

1. **Hsu, K. W.**, and Chen, Y. J. The role of purinergic receptors in high glucose-enhanced nitric oxide production in RAW 264.7 cells, *In Abstracts of the 2004 Meeting on the 19rd Joint*

Annual Conference of Biomedical Sciences (第19屆生物醫學聯合學術年會).

2. **Hsu, K. W.**, Chen, Y. L., and Chen, Y. J. The role of endoplasmic reticular Ca²⁺-store in high glucose-enhanced nitric oxide production and apoptosis in RAW 264.7 cells: Involvement of protein kinase C regulation, *In Abstracts of the 2005 Meeting on the 20rd Joint Annual Conference of Biomedical Sciences (第20屆生物醫學聯合學術年會)*.
3. Liao, W. J., Wu, C. W., **Hsu, K. W.**, Li, A. F., Liang, Y. C., Fu, Y. S., and Yeh, T. S. Activation of Notch signal pathway contributes to tumorigenesis and poor survival in gastric cancer, p. 379. *In Abstracts of the 2008 Meeting on the 23rd Joint Annual Conference of Biomedical Sciences (第23屆生物醫學聯合學術年會)*.
4. **Hsu, K. W.**, Hsieh, R. H., Lee, Y. H., Chao, C. H., Wu, K. J., Tseng, M. J., and Yeh, T. S. The activated Notch1 receptor cooperates with α -enolase and MBP-1 in modulating *c-myc* oncogene, p. 78. *In Abstracts of the 2008 Meeting on the 23rd Joint Annual Conference of Biomedical Sciences (第23屆生物醫學聯合學術年會)*.
5. **Hsu, K. W.**, Wu, C. W., Liao, W. J., Yang, M. C., Li, A. F., Wang, A. M., Chi, C. W., and Yeh, T. S. The activated Notch1 signal pathway is associated with gastric cancer progression through COX-2, p. 14. *In Abstracts of the 2009 Meeting on the 24rd Joint Annual Conference of Biomedical Sciences (第24屆生物醫學聯合學術年會)*.
6. **Hsu, K. W.**, Hsieh, R. H., Wu, C. W., Chi, C. W., Lee, Y. H., Kuo, M. L., Wu, K. J., and Yeh, T. S. MBP-1 suppresses growth and metastasis of gastric cancer cells through COX-2, p. 114. *In Abstracts of the 2010 Meeting on the 25rd Joint Annual Conference of Biomedical Sciences (第25屆生物醫學聯合學術年會)*.
7. **Hsu, K. W.**, Hsieh, R. H., Wu, C. W., Li, A. F., Chi, C. W., Wang, T. Y., Tseng, M. J., Wu, K. J., and Yeh, T. S. Activation of the Notch1/STAT3/Twist signaling axis promotes gastric cancer progression, p. 117. *In Abstracts of the 2011 Meeting on the 26rd Joint Annual Conference of Biomedical Sciences (第26屆生物醫學聯合學術年會)*.