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## 簡要學經歷及重要榮譽

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## 研究興趣與成果簡述

- 腫瘤發展之分子機制
- 腫瘤、病毒與腫瘤微環境的交互作用
- 腫瘤檢測或治療方法的開發及應用

## 論文著作

2002–2014

1. K-P Chow, H-C Lu, H-F Chou, **H-P Liu**, S-L Hsieh, Y-S Chang, K-B Choo\*. Induction of chemosensitivity in nasopharyngeal carcinoma cells using a human papillomavirus regulatory sequence and the thymidine kinase gene. *Journal of Biomedical Science*, 2002 Jan-Feb, 9(1): 41–46. [SCI]
2. Y-H Hsieh<sup>§</sup>, **H-P Liu**<sup>§</sup>, S-J Lo, Y-S Chang\*. Tumor regression by expression of high physiological levels of EBV latent membrane protein 1. *Cancer Biology & Therapy*, 2006 Mar, 5(3): 310–317. [SCI]
3. **H-P Liu**, C-C Wu, Y-S Chang\*. PRA1 promotes the intracellular trafficking and NF-κB signaling of EBV latent membrane protein 1. *EMBO Journal*, 2006 Sep, 25(17): 4120–4130. [SCI]
4. C-C Wu, H-C Chen, S-J Chen, **H-P Liu**, Y-Y Hsieh, C-J Yu, R-P Tang, L-L Hsieh, J-S Yu\*, Y-S Chang. Identification of collapsin response mediator protein-2 as a potential marker of colorectal carcinoma by comparative analysis of cancer cell secretomes. *Proteomics*, 2008 Jan, 8(2): 316–332. [SCI]
5. L-C Chen, **H-P Liu**, H-P Li, C Hsueh, J-S Yu, C-L Liang, Y-S Chang\*. Thymidine phosphorylase mRNA

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9. **H-P Liu**, P-J Chung\*, C-L Liang, Y-S Chang\*. The MYND domain-containing protein BRAM1 inhibits lymphotoxin beta receptor-mediated signaling through affecting receptor oligomerization. *Cellular Signaling*, 2011 Jan, 23(1): 80–88. [SCI]
10. **H-P Liu**, C-C Wu, H-Y Kao, Y-C Huang, Y Liang, C-C Chen, J-S Yu, Y-S Chang\*. Proteome-wide dysregulation by PRA1 depletion delineates a role of PRA1 in lipid transport and cell migration. *Molecular & Cellular Proteomics*, 2011 Mar, 10(3): M900641MCP200. [SCI]
11. Y-T Chang, C-C Wu\*, Y-M Shyr, T-C Chen, T-L Hwang, T-S Yeh, K-P Chang, **H-P Liu**, Y-L Liu, M-H Tsai, Y-S Chang, J-S Yu\*. Secretome-based identification of ULBP2 as a novel serum marker for pancreatic cancer detection. *PLoS One*, 2011 May, 6(5): e20029. [SCI]
12. **H-P Liu**, C-C Chen, C-C Wu, Y-C Huang, S-C Liu, Y Liang, K-P Chang, Y-S Chang\*. Epstein–Barr virus-encoded LMP1 interacts with FGD4 to activate Cdc42 and thereby promote migration of nasopharyngeal carcinoma cells. *PLoS Pathogens*, 2012 May, 8(5): e1002690. [SCI]
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15. C-C Wu\*, Y-T Chang, K-P Chang, Y-L Liu, **H-P Liu**, I-L Lee, J-S Yu, W-F Chiang\*. Salivary auto-antibodies as noninvasive diagnostic markers of oral cavity squamous cell carcinoma. *Cancer Epidemiology, Biomarkers & Prevention*, 2014 Aug, 23(8): 1569–78. [SCI]

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18. S-W Huang, **H-P Liu**, J-K Chen, Y-W Shien, M-L Wong, C-Y Wang\*. Dual ATPase and GTPase activity of the replication-associated protein (Rep) of beak feather disease virus. *Virus Research*, 2016 Feb, 213: 149–161. [SCI]
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40. X-Y Chan<sup>§</sup>, K-P Chang<sup>§</sup>, C-Y Yang, C-R Liu, C-M Hung, C-C Huang, **H-P Liu**, C-C Wu\*. Upregulation of ENAH by a PI3K/AKT/ $\beta$ -catenin cascade promotes oral cancer cell migration and growth via an ITGB5/Src axis. *Cellular and Molecular Biology Letters*, 2024 Nov 31, 29(1): 136. [SCI]

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