

## Curriculum Vitae

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### Education and Experience:

- Cambridge Institute for Medical Research, University of Cambridge (Research Associate, 2012-2014)
- Department of Medical Laboratory Science and Biotechnology, National Cheng Kung University (Postdoctoral Fellow, 2009-2012)
- Institute of Molecular Medicine, National Tsing Hua University (Ph. D., 2003-2009)
- Department of Biological Science and Technology, National Chiao Tung University (M. S., 2001-2003)
- Department of Medical Technology, National Cheng Kung University (B.S., 1997-2001)

### Honors

- The Prize of Excellent Poster Contest held by the Cambridge Institute for Medical Research (2014).
- The Third Prize of Excellent Poster Contest held by the 16<sup>th</sup> Biophysics Conference (2011).
- The prize of Excellent Paper Contest held by College of Life Science, National Tsing Hua University (2008).
- The member of the Phi Tau Phi Scholastic Honor Society (2008).
- The prize of Excellent Poster Contest held by College of Life Science, National Tsing Hua University (2007).

### Publications

1. **Hsu JL**, van den Boomen DJ, Tomasec P, Weekes MP, Antrobus R, Stanton RJ, Ruckova E, Sugrue D, Wilkie GS, Davison AJ, Wilkinson GW, Lehner PJ. Plasma membrane profiling identifies novel targets of HCMV-encoded immunoevasins and shows how synergy between viral proteins promotes efficient target downregulation. **PLOS Pathogens**. 2014. Apr 14;11(4):e1004811
2. **Hsu JL**, Chuang WJ, Su IJ, Gui WJ, Chang YY, Lee YP, Ai YL, Chuang DT, Huang W. Zinc-Dependent Interaction between JAB1 and Pre-S2 Mutant Large Surface Antigen of Hepatitis B Virus and Its Implications for Viral Hepatocarcinogenesis. **J Virol**. 2013

Dec;87(23):12675-84.

3. Su YH, Lee YL, Chen SF, Lee YP, Hsieh YH, Tsai JH, Hsu JL, Tian WT, Huang W. Essential role of  $\beta$ -human 8-oxoguanine DNA glycosylase 1 in mitochondrial oxidative DNA repair. **Environ Mol Mutagen**. 2013 Jan; 54(1):54-64.
4. Wu PH, Hsu JL, Chiang TW, Hsieh YC, Chang HY, Chang SL, Chen CJ. Purification, crystallization and preliminary X-ray crystallographic analysis of the receiver and stalk domains(PA3346RS) of the response regulator PA3346 from *Pseudomonas aeruginosa* PAO1. **Acta Crystallogr Sect F Struct Biol Cryst Commun**. 2011 Aug 1;67(Pt 8):937-40.
5. Hsieh YH, Hsu JL, Su IJ, Huang W. Genomic instability caused by hepatitis B virus: into the hepatoma inferno. **Front Biosci**. 2011 Jun 1;16:2586-97.
6. Chen YY, Wu CC, Hsu JL, Peng HL, Chang HY, Yew TR. Surface rigidity change of *Escherichia coli* after filamentous bacteriophage infection. **Langmuir**. 2009 Apr 21;25(8):4607-14.
7. Hsu JL, Peng HL, Chang HY. The ATP-binding motif in AcoK is required for regulation of acetoin catabolism in *Klebsiella pneumoniae* CG43. **Biochem Biophys Res Commun**. 2008 Nov 7;376(1):121-7.
8. Hsu JL, Chen HC, Peng HL, Chang HY. Characterization of the histidine-containing phosphotransfer protein B-mediated multistep phosphorelay system in *Pseudomonas aeruginosa* PAO1. **J Biol Chem**. 2008 Apr 11;283(15):9933-44.
9. Lin CT, Huang YJ, Chu PH, Hsu JL, Huang CH, Peng HL. Identification of an HptB-mediated multi-step phosphorelay in *Pseudomonas aeruginosa* PAO1. **Res Microbiol**. 2006 Mar;157(2):169-75.