

## 履歷表

姓名：詹宇鈞 Yu-Jiun Chan

現任院內職務：台北榮民總醫院病毒科主任

現任教職：國立陽明大學公共衛生研究所副教授

學業經歷：美國約翰霍浦金斯大學醫學院藥理及分子醫學研究所 博士(Ph. D.)  
1990.9~1996.3

國立陽明醫學院醫學系 醫學士 1979.9~1986.6

經歷與獲獎：

台北榮民總醫院病理檢驗部病毒科主治醫師 2005.8~2006.3

台北榮民總醫院病理檢驗部病毒科主治醫師兼代病毒科主任 2003.8~2005.7

蘇澳榮民醫院內科主治醫師兼感染科主任 2000.12~2003.7

台北榮民總醫院內科部感染科主治醫師 2000.7~2000.12

台北榮民總醫院內科部住院總醫師 1999.7~2000.6

台北榮民總醫院內科部感染科住院總醫師 1997.7~1999.6

台北榮民總醫院內科部住院醫師 1988.9~1990.7；1996.3~1997.6

國立陽明大學公共衛生研究所兼任副教授 1997, 2004.2~迄今

國立陽明大學醫學系臨床助教 1988.9~1996.12

台灣感染症醫學會副秘書長 2006.1~迄今

台灣愛滋病學會(原中華民國愛滋病防治協會) 秘書長 2001.1~2004.1

台北市政府防疫諮詢委員會委員 2006.1.1~迄今

陽明大學生物安全第三等級實驗室管理委員會委員 2009.12.1~2010.6.30

陽明大學生物實驗安全工作小組委員會委員 2009.8.1~2010.7.31

96 年度退輔會優良醫師

96 學年度陽明大學醫學系第一學期學生網路教學評鑑優良教師

96 學年度第陽明大學醫學系二學期學生網路教學評鑑優良教師

97 學年度陽明大學醫學系第一學期學生網路教學評鑑優良教師

98 年度退輔會優良醫師醫療技術創新獎第 3 名

專長：

內科學、分子生物學、分子病毒學、感染症

研究計畫：

1. 研究 BK 及 JC 病毒對腎移植病患預後之影響因素

計畫編號：V99S22-009 99.01.01 ~ 99.12.31

2. 研究 H1N1 新流感(2009)對細胞內訊息傳導之影響  
計畫編號：V99S5-004 99.01.01 ~ 99.12.31
3. 研發病患器官移植後病毒性感染之監測 (III) - 快速分子生物診斷法之評估  
計畫編號：V98S22-006 98.01.01 ~ 98.12.31
4. 研究巨細胞病毒在大腸癌之角色  
計畫編號：V98C1-110 98.01.01 ~ 98.12.31
5. 建構我國流感病毒疫苗接種之臨床試驗研究團隊—以民眾流感接種之抗體反應為模型  
計畫編號：DOH96-DC-1402 97.01.01 ~ 97.12.31
6. 研發病患器官移植後病毒性感染之監測 (II) - 快速分子生物診斷法之評估  
計畫編號：V97S22-008 97.01.01 ~ 97.12.31
7. 病毒性感染症合約實驗室  
計畫編號：CDC96-RD-003 97.01.01 ~ 97.12.31
8. 分析臨床巨細胞病毒株基因型之分佈及比較地區與人種差異  
計畫編號：97A-D-N302 97.05.01 ~ 97.12.31
9. 病毒性感染症合約實驗室  
計畫編號：CDC96-RD-003 96.01.01 ~ 96.12.31
10. 研發以同步定量聚合酵素鏈反應同時定量巨細胞(CMV)病毒之 DNA 及 RNA  
計畫編號：V96C1-172 96.01.01 ~ 96.12.31
11. 研發病患器官移植後病毒性感染之監測  
計畫編號：V96S22-008 96.01.01 ~ 96.12.31

博士畢業論文：

Dissertation: A model for CMV latency and reactivation: role of cellular factors and signal transduction in transcriptional regulation of the CMV immediate-early gene promoter/enhancer regions. By **Yu-Jiun Chan**, the Johns Hopkins University, 1996.

學術論文：

1. Lan YC, Liu TT, Yang JY, Lee CM, Chen YJ, **Chan YJ**, Lu JJ, Liu HF, Hsiung CA, Ho MS, Hsiao KJ, Chen HY, Chen YM, Molecular epidemiology of severe acute respiratory syndrome-associated coronavirus infections in Taiwan. J Infect Dis 2005 May 1;191(9):1478-89.
2. Shih SR, Chen GW, Yang WZ, Liu JH, Chiu SC, Chen HY, Tsao KC, Huang CG, Huang YL, Mok CK, Chen CJ, Lin TY, Wang JR, Kao CL, Lin KH, Chen LK, Eng HL, Liu YC, Chen PY, Lin JS, Wang JH, Lin CW, **Chan YJ**, Lu JJ, Hsiung CA, Chen PJ, Su IJ. Laboratory-based surveillance and molecular epidemiology of influenza virus in Taiwan. J Clin Microbiol 2005 Apr;43(4):1651-61.

3. Chen HP, Lai CH, **Chan YJ**, Chen TL, Liu CY, Fung CP, Liu CY. Clinical significance of Acinetobacter species isolated from cerebrospinal fluid. Scand J Infect Dis 2005;37(9):669-75.
4. Chen YM, Liang SY, Shih YP, Chen CY, Lee YM, Chang L, Jung SY, Ho MS, Liang KY, Chen HY, **Chan YJ** and Chu DC. Epidemiological and Genetic Correlates of SARS Coronavirus Infection in a Hospital with the Highest Nosocomial Infection Rate in Taiwan in 2003. Journal of Clinical Microbiology, 2006 Feb, 44(2):359-365.
5. Ling-Ju Huang, Cheng-Yi Liu, Shu-Chun Chu, Wing-Wai Wong, Yi-ChunLin , Wu-Tse Liu, **Yu-Jiun Chan** Predictive value of two commercial HIV serological tests in cases with indeterminate Western blot results. J Microbiol Immunol Infect 2006;39:219-224.
6. Chen CY, Ping YH, Lee HC, Chen KH, Lee YM, **Chan YJ**, Lien TC, Jap TS, Lin CH, Kao LS, Chen YM. Open reading frame 8a of the human severe acute respiratory syndrome coronavirus not only promotes viral replication but also induces apoptosis. J Infect Dis 2007 Aug 1;196(3):405-15. Epub 2007 Jun 19.
7. Wang FD, Chen YY, Lee YM, **Chan YJ**, Chen TL, Lue JF, Liu CY, Lee CH. Positive rate of serum SARS-CoV immunoglobulin G antibody among healthcare workers. Scand J Infect Dis. 2007;39(2):152-6.
8. Hsin-Pai Chen, Jui-Chu Lin, Su-Pen Yang, Yu-Ching Lan, Wen-Sung Weng, Cheng-Hsai Tsai, Donald Ming-Tak Ho, Cheng-Yi Liu, Wen-Long Cho, **Yu-Jiun Chan**. The type-2 variant of human cytomegalovirus glycoprotein N (gN-2) is not the rarest in the Chinese population of Taiwan : Influence of primer design. Journal of Virological Methods 2008;151:161-164.
9. Sheng-Fan Wang, Jason C. Huang, Yuan-Ming Lee, Shih-Jen Liu, Yu-Jiun Chan ,Yat-Pang Chau, Pele Chong, Yi- Ming Arthur Chen\*. DC-SIGN Mediates mediates avian H5N1 influenza virus infection in cis and in trans. Biochemical and Biophysical Research Communications 2008;373:561-566.
10. Chien-Chun Wang, Han-Yueh Kuo, Dung-Hung Chiang, Chen-Chi Tsai, Mei-Lin Lin, **Yu-Jiun Chan**, Su-Pen Yang, Cheng-Yi Liu. Invasive Haemophilus influenzae disease in adults in Taiwan. Journal of Microbiology Immunology Infect. 2008;41:209-214.
11. Yuh-ru Lin, Mi-Young Hahn, Jung-Hye Roe, Tzu-Wen Huang, Hsiu-Hui Tsai, Yung-Feng Lin, Tsung-Sheng Su, **Yu-Jiun Chan**, and Carton W. Chen\*. Streptomyces telomeres contain a promoter. Journal of Bacteriology. 2009 Feb;191(3):773-81 Epub 2008 Dec 5.
12. Sheng-Fan Wang, Kuan-Hsuan Chen, Arunee Thitithanyanont, LingYao,

- Yuan-Ming Lee, **Yu-Jiun Chan**, Shih-Jen Liu, Pele Chong, Wu-Tsz Liu, Jason C. Huang, Yi-Ming Arthur Chen\*. Generating and characterizing monoclonal and polyclonal antibodies against avian H5N1 hemagglutinin protein. *Biochemical and Biophysical Research Communications*. 2009;382:691-696.
13. Yi-Tsung Lin, **Yu-Jiun Chan**, Cheng-Hsun Chiu, Mei-Lin Lin, Kwok-Woon Yu, Fu-Der Wang, Cheng-Yi Liu. Tigecycline and colistin susceptibility of *Chryseobacterium meningosepticum* isolated from blood in Taiwan. *International Journal of Antimicrobial Agents* 2009;34:100-101.
  14. Yuan-Ming Lee, Sheng-Fan Wang, Cheng-Ming Lee, Juan-Hsuan Chen, **Yu-Jiun Chan**, Wu-Tse Liu and Yi-Ming Arthur Chen. Virological investigation of four outbreaks of influenza B reassortants in the northern region of Taiwan from October 2006 to February 2007. *BMC Research Notes* 2009,2;86.
  15. Sheng-Fan Wang, Yuan-Ming Lee, **Yu-Jiun Chan**, Hsin-Fu Liu, Yung-Fong Yen, Wu-Tse Liu, Jason C. Huang, and Yi-Ming Arthur Chen. Influenza<sup>Q1</sup> A Virus in Taiwan, 1980-2006: Phylogenetic and Antigenic Characteristics of the Hemagglutinin Gene. *Journal of Medical Virology* 81:1457–1470 (2009)

#### 國際會議發表研究成果

1. **Chan YJ**, Y W Ma, C Y Liu, Y C Liu, W T Liu. Identification of two major human cytomegalovirus gB genotypes in Taiwan. The 15th European Congress of Clinical Microbiology and Infectious Diseases ( ECCMID ), Copenhagen, Denmark, April 2-5, 2005, abstract R2221 ( poster ).
2. **Chan YJ**, J. Lin, S. Chu, C. Tsai, D. M. Ho, C. Liu. Re-evaluation of the Human Cytomegalovirus ( CMV ) Genotypes by Targeting the UL73 ( gN ) Gene : Influence of Primer Design. The 7th International Meeting on Microbial Epidemiological Markers ( IMMEN7 ), Victoria, British Columbia, Canada, May 11-14, 2005, abstract 21A ( poster ).
3. **Chan YJ**, J-C Lin, W-S. Weng, W-W Wong, D. M. Ho, C-Y Liu; Taipei Veterans General Hospital, Taipei, TAIWAN REPUBLIC CHINA. Detection of the Human Cytomegalovirus ( CMV ) UL73/74 Gene and Its RNA by Real-Time Polymerase Chain Reaction ( PCR ) Assays for Clinical Samples and Isolates. Joint Meeting of the 3 Divisions of the International Union of Microbiological Societies 2005 ( IUMS ), San Francisco, American, July23-28 , 2005, ( oral, 275-V ).
4. **Chan YJ**, J-C Lin, C-H Tsai, W-S. Weng, D. M-T. Ho. Simultaneous detection of the human cytomegalovirus DNA and RNA by targeting the UL73/74 gene region using multiplex real-time polymerase chain reaction assays. The 16th

- European Congress of Clinical Microbiology and Infectious Diseases, Nice, France, April 1– 4, 2006 ( oral, O59 ).
5. **Chan YJ**, S-J Hwang, J-C Lin, C-H Tsai, C-Y Liu, S-D Lee, D-M Ho, C-H Lee. Evaluation of the antibody responses induced by the 2006-2007 influenza vaccine. The 17th European Congress of Clinical Microbiology and Infectious Diseases and the 25<sup>th</sup> International Congress of Chemotherapy, ICC (ECCMID-ICC), Munich, Germany, 31 March - 3 April 2007 ( oral ).
  6. **Chan YJ**, J Hwang, A.Y-M. Chen, D.M-T. Ho ( Taipei, TW ) Development of immuno-polymerase chain reaction as a highly sensitive method for viral detection. The 18th European Congress of Clinical Microbiology and Infectious Diseases ( ECCMID ) , Barcelona, Spain, 19-22 April 2008 ( poster ).
  7. **Yu-Jiun Chan**, Shinn-Jang Hwang, Ren-Bin Tang, Cheng-Hsien Tsai, Cheng-Yi Liu, Donald M. Ho, Shou-Dong Lee, Chen-Hsen Lee. Antibody Responses Induced by Recommended Influenza Vaccines against Field Influenza Strains – Implications of Vaccination Strategy. The 11<sup>th</sup> Western Pacific Congress on Chemotherapy and Infectious Diseases ( WPCCID ) , Taipei, Taiwan, November 29 – December 03, 2008 ( oral, OS3-03 ).
  8. Yi-Tsung Lin, Che-Chuan Loong, Cheng-Yi Liu, Fu-Der Wang, Chien-Chun Wang, Yu-Han Huang, **Yu-Jiun Chan**. Diagnosis of Human Polyoma BK Virus Nephropathy in Renal Transplant Recipients by Polymerase Chain Reaction and Urine Cytology – Experience from a Tertiary Center in Taiwan The 11<sup>th</sup> Western Pacific Congress on Chemotherapy and Infectious Diseases ( WPCCID ) , Taipei, Taiwan, November 29 – December 03, 2008 ( oral, OS1-04 ).
  9. Miao-Chiu Hung, and Keh-Gong Wu, Ya-Ting Lee, Su-Pen Yang, Chun-Jen Chen, Cheng-Yi Liu, Ren-Bin Tang, Ming-Tak Ho, **Yu-Jiun Chan**. Predominance of Human Cytomegalovirus Glycoprotein B1 ( gB1 ) Genotypes among Immunosuppressive Patients. The 11<sup>th</sup> Western Pacific Congress on Chemotherapy and Infectious Diseases ( WPCCID ) , Taipei, Taiwan, November 29 – December 03, 2008 ( poster, , PS3-012 ).
  10. Shan-Chwen Chang, Chong-Jen Yu, Tzeng-Ji Chen, Jui-Yao Liu, Ming-Hsien Lin, Liang-Kung Chen, Hsiu-Yun Lai, **Yu-Jiun Chan**, Shie-Liang Hsieh, Haiwen Tang, Paul Gillard, Mamadou Drame, Hans L Bock, Shinn-Jang Hwang, Pan-Chyr Yang. Safety and Immunogenicity of an Adjuvanted H5N1 Prepandemic Influenza Vaccine ( PPV ) - A Phase III Study in Taiwan Population. The 11<sup>th</sup> Western Pacific Congress on Chemotherapy and Infectious Diseases ( WPCCID ) , Taipei, Taiwan, November 29 – December 03, 2008 (oral, OS3-02).

