



The 6th Congress of Asian Society for Pediatric Research & 51st Annual Meeting of Taiwan Pediatric Association

April 15-18, 2010 Taipei, Taiwan



YU-LUNG LAU

Institution The University of Hong Kong

Title Professor

Tel (852) 2255 4481

Fax (852) 2855 1523

E-mail lauylung@hku.hk

Address Department of Paediatrics & Adolescent Medicine
Rm 117, 1/F, New Clinical Building,
Queen Mary Hospital, 102 Pokfulam Road, Hong Kong



EXPERIENCES AND POSITION :

Current appointments:

- ◆ 2003 – present, Associate Dean (Research), Faculty of Medicine, University of Hong Kong
- ◆ 2002 – present, Cluster COS in Paediatrics, HK West Cluster of Hospital Authority
- ◆ 1999 – present, Chair Professor & Head in Paediatrics, University of Hong Kong
- ◆ 2000 – present, Chief of Service in Paediatrics, Queen Mary Hospital
- ◆ 2000 – present, Honorary Consultant, Duchess of Kent Children's Hospital
- ◆ 1992 – present, Honorary Consultant, Queen Mary Hospital

EDUCATIONAL BACKGROUND :

- ◆ University of Glasgow, M.B., Ch.B.
- ◆ Doctor of Medicine with Honours (Glasgow)
- ◆ Fellow of the Royal College of Paediatrics and Child Health
- ◆ Fellow of the Hong Kong Academy of Medicine
- ◆ Fellow of the Hong Kong College of Paediatricians

RESEARCH INTERESTS :

His main areas of research are in infection and immunity, in particular Genetics in Infectious and Immunological Diseases, Viral Immunology and Innate Immunity

PUBLISHED WORKS : (Selected List)

A:(International journals)

- Yang W, Ng P, Zhao M, Hirankarn N, Lau CS, Mok CC, Chan TM, Wong RW, Lee KW, Mok MY, Wong SN, Avihingsanon Y, Lee TL, Ho MH, Lee PP, Wong WH, **Lau YL**. Population differences in SLE susceptibility genes: STAT4 and BLK, but not PXX, are associated with systemic lupus erythematosus in Hong Kong Chinese. *Genes & Immunity* 2009; 10(3):219-26. **4.088**[1]
- Lau SK, Li KS, Chau KY, So LY, Lee RA, **Lau YL**, Chan KH, Lim WW, Woo PC, Yuen KY. Clinical and molecular epidemiology of human parainfluenza virus 4 infections in Hong Kong: subtype 4B as common as 4A. *Journal of Clinical Microbiology* 2009;47(5):1549-52. **3.708**
- Chang YK, Yang W, Zhao M, Mok CC, Chan TM, Wong RW, Lee KW, Mok MY, Wong SN, Ng IO, Lee TL, Ho MH, Lee PP, Wong WH, Lau CS, Sham PC, **Lau YL**. Association of BANK1 and TNFSF4 with systemic lupus erythematosus in Hong Kong Chinese. *Genes and Immunity* 2009; 10(5):414-20. **4.088**
- Lee PP, Chen TX, Jiang LP, Chen J, Chan KW, Lee TL, Ho MH, Nong SH, Yang Y, Fang YJ, Li Q, Wang XC, Yang XQ, **Lau YL**. Clinical and Molecular Characteristics of 35 Chinese Children with Wiskott-Aldrich Syndrome. *Journal of Clinical Immunology* 2009; 29(4):490-500. **2.886**



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- Yang W, Zhao M, Hirankarn N, Lau CS, Mok CC, Chan TM, Wong RW, Lee KW, Mok MY, Wong SN, Avihingsanon Y, Ng IO, Lee TL, Ho MH, Lee PP, Wong WH, Sham PC, **Lau YL**. ITGAM is associated with disease susceptibility and renal nephritis of systemic lupus erythematosus in Hong Kong Chinese and Thai. *Human Molecular Genetics* 2009;18(11):2063-70. **7.806**
- Byrnes AM, Racacho L, Grimsey A, Hudgins L, Kwan AC, Sangalli M, Kidd A, Yaron Y, **Lau YL**, Nikkel SM, Bulman DE. Brachydactyly A-1 mutations restricted to the central region of the N-terminal active fragment of Indian Hedgehog. *European Journal of Human Genetics* 2009; 17(9):1112-20. **4.003**
- Chung BH, Lam ST, Tong TM, Li SY, Lun KS, Chan DH, Fok SF, Or JS, Smith DK, Yang W, **Lau YL**. Identification of novel FBN1 and TGFBR2 mutations in 65 probands with Marfan syndrome or Marfan-like phenotypes. *American Journal of Medical Genetics Part A* 2009;149A(7):1452-9. **2.555**
- Chiu SS, Chan KH, Tu W, **Lau YL**, Peiris JS. Immunogenicity and safety of intradermal versus intramuscular route of influenza immunization in infants less than 6 months of age: A randomized controlled trial. *Vaccine* 2009; 27(35):4834-9. **3.298**
- Law HK, Cheung CY, Sia SF, Chan YO, Peiris JS, **Lau YL**. Toll-like receptors, chemokine receptors and death receptor ligands responses in SARS coronavirus infected human monocyte derived dendritic cells. *BMC Immunology* 2009; 10:35. **2.661**
- Chiu SS, Chan KH, Chen H, Young BW, Lim W, Wong WH, **Lau YL**, Peiris JS. Virologically confirmed population-based burden of hospitalization caused by influenza A and B among children in Hong Kong. *Clinical Infectious Disease* 2009;49(7):1016-21. **8.266**
- Lau SK, Yip CC, Lin AW, Lee RA, So LY, **Lau YL**, Chan KH, Woo PC, Yuen KY. Clinical and molecular epidemiology of human rhinovirus C in children and adults in Hong Kong reveals a possible distinct human rhinovirus C subgroup. *Journal of Infectious Disease* 2009;200(7):1096-103. **5.682**
- Zheng J, Liu Y, Qin G, Chan PL, Mao H, Lam KT, Lewis DB, **Lau YL**, Tu W. Efficient induction and expansion of human alloantigen-specific CD8 regulatory T cells from naive precursors by CD40-activated B cells. *Journal of Immunology* 2009;183(6):3742-50. **6.000**
- Phua KB, Lim FS, **Lau YL**, Nelson EA, Huang LM, Quak SH, Lee BW, Teoh YL, Tang H, Boudville I, Oostvogels LC, Suryakiran PV, Smolenov IV, Han HH, Bock HL. Safety and efficacy of human rotavirus vaccine during the first 2 years of life in Asian infants: randomised, double-blind, controlled study. *Vaccine*. 2009;27(43):5936-41. **3.298**
- Qin G, Mao H, Zheng J, Sia SF, Liu Y, Chan PL, Lam KT, Peiris JS, **Lau YL**, Tu W. Phosphoantigen-expanded human gammadelta T cells display potent cytotoxicity against monocyte-derived macrophages infected with human and avian influenza viruses. *Journal of Infectious Diseases* 2009;200(6):858-65. **5.682**
- Yang W, Ying D, **Lau YL**. In-depth cDNA library sequencing provides quantitative gene expression profiling in cancer biomarker discovery. *Genomics Proteomics Bioinformatics*. 2009;7(1-2):1-12.
- Mao H, Tu W, Qin G, Law HK, Sia SF, Chan PL, Liu Y, Lam KT, Zheng J, Peiris M, **Lau YL**. Influenza virus directly infects human natural killer cells and induces cell apoptosis. *Journal of Virology* 2009;83(18):9215-22. **5.308**
- Odhiambo JA, Williams HC, Clayton TO, Robertson CF, Asher MI; ISAAC Phase Three Study Group. Global variations in prevalence of eczema symptoms in children from ISAAC Phase Three. *Journal of Allergy and Clinical Immunology* 2009;124(6):1251-8.e23.
- Lee PP, **Lau YL**. Primary immunodeficiencies: "new" disease in an old country. *Cellular & Molecular Immunology* 2009;6(6):397-406.
- Ellwood P, Williams H, Ait-Khaled N, Björkstén B, Robertson C; ISAAC Phase III Study Group. Translation of questions: the International Study of Asthma and Allergies in Childhood (ISAAC) experience. *International Journal of Tuberculosis and Lung Disease* 2009;13(9):1174-82.
- To KK, Chan KH, Li IW, Tsang TY, Tse H, Chan JF, Hung IF, Lai ST, Leung CW, Kwan YW, **Lau YL**, Ng TK, Cheng VC, Peiris JS, Yuen KY. Viral load in patients infected with pandemic H1N1 2009 influenza A virus. *Journal of Medical Virology* 2010;82(1):1-7.
- Zheng J, Liu Y, **Lau YL**, Tu W. CD40-activated B cells are more potent than immature dendritic cells to induce and expand CD4(+) regulatory T cells. *Cellular & Molecular Immunology* 2010;7(1):44-50.
- Lum LC, Borja-Tabora CF, Breiman RF, Vesikari T, Sablan BP, Chay OM, Tantracheewathorn T, Schmitt HJ, **Lau YL**, Bowonkiratikachorn P, Tam JS, Lee BW, Tan KK, Pejcz J, Cha S, Gutierrez-Brito M, Kaltenis P, Vertruyen A, Czajka H, Bojarskas J, Brooks WA, Cheng SM, Rappaport R, Baker S, Gruber WC, Forrest BD. Influenza vaccine concurrently administered with a combination measles, mumps, and rubella vaccine to young children. *Vaccine* 2009 [Epub ahead of print].
- Lee PP, Chen TX, Jiang LP, Chan KW, Yang W, Lee BW, Chiang WC, Chen XY, Fok SF, Lee TL, Ho MH, Yang XQ, **Lau YL**. Clinical Characteristics and Genotype-phenotype Correlation in 62 Patients with X-linked Agammaglobulinemia. *Journal of Clinical Immunology* 2009 [Epub ahead of print].



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- Li IW, Hung IF, To KK, Chan KH, Wong SS, Chan JF, Cheng VC, Tsang OT, Lai ST, **Lau YL**, Yuen KY. The natural viral load profile of patients with pandemic swine-origin influenza A H1N1 2009 (pH1N1) and the effect of oseltamivir treatment. *Chest*. 2010 [Epub ahead of print].
- Liu EM, Law HK, **Lau YL**. Mycobacterium bovis bacillus Calmette-Guerin treated human cord blood monocyte-derived dendritic cells polarize naïve T cells into a tolerogenic phenotype in newborns. *World Journal of Pediatrics* 2010 [Epub ahead of print].

B. (National/Local journals)

- Chow KC, Chan GCF, Khong PL, Shek TWH, Ha SY, **Lau YL**. Primary Ki-1-positive anaplastic large cell lymphoma of the bone presented with spinal cord compression. *Hong Kong Journal of Paediatrics (New Series)* 2007; 12:283-286.
 - Lee PP, Wong WH, Leung GM, Chiu SS, Chan KH, Peiris JS, Lam TH, **Lau YL**. Risk-stratified seroprevalence of SARS coronavirus in children residing in a district with point-source outbreak compared to a low-risk area. *Hong Kong Medical Journal* 2008;14 (Suppl 4):17-20.
 - Ho MH, Cheuk DK, Lee TL, Ha SY, **Lau YL**. Haemophagocytic lymphohistiocytosis in Hong Kong children have a wider clinical spectrum. *Hong Kong Med Journal* 2008;14(6):503-4.
 - **Lau YL**, Peiris J. Association of cytokine and chemokine gene polymorphisms with severe acute respiratory syndrome. *Hong Kong Medical Journal* 2009;15(2):43-6.
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