



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

April 15-18, 2010 Taipei, Taiwan



## ALICE PRINCE

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**Institution:** Columbia University

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**Title:** Professor

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### CURRENT POSITION :

- ◆ Professor of Pediatrics

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### EDUCATIONAL BACKGROUND :

- ◆ MD - Columbia University, Post-doctoral fellowships \_ Columbia University, Harvard Medical School - Faculty at Columbia since 1981

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### RESEARCH INTERESTS :

- ◆ Pathogenesis of pulmonary infections, host-pathogen interactions in the lung

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### PUBLISHED WORKS :

- ◆ Gomez, M, A Lee, B Reddy, A Muir, G Soong, A Pitt, A Cheung, **A Prince**. *S. aureus* protein A induces airway inflammatory responses by activating TNFR1. ***Nat Med.*** 10:842-846, 2004. PMID: 15247912
- ◆ Chun, J and **Prince, AS**. Soong, G, Parker, D, Magargee, M **Prince, AS**. The type III toxins of *P. aeruginosa* disrupt epithelial barrier function. ***J Bacteriol.*** 190:2814-2821, 2008. PMID: PMC2293221, TLR2-induced calpain cleavage of epithelial junctional proteins facilitates leukocyte transmigration. ***Cell Host Microbe.*** 5:47-58, 2009. PMID: 19154987; Martin FJ, Gomez MI, Wetzel D, Memmi, G, O'Seaghda, M, Soong, G, Schindler C, **Prince AS**. *S. aureus* activates type I IFN signaling in mice and humans through the Xr repeated sequences of protein A. ***J. Clin. Invest.*** 119(7):1931-9, 2009. PMID: PMC2701857 Please see the laboratory website ([www.columbia.edu/cu/hs/princelab/index.html](http://www.columbia.edu/cu/hs/princelab/index.html)) for more publications .