

# CURRICULUM VITAE

## JINZHU LI, MD, Ph.D.

### Education

Ph.D.	Wayne State University, Detroit, Michigan, USA Major: Immunology	9/1998-5/2003
M.S.	Shanghai Medical University, Shanghai, China Major: Immunology	9/1993-7/1996
M.D.	Shanghai Medical University, Shanghai, China	9/1988-7/1993

### Medical Training

Fellowship	Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio Allergy and Immunology	7/2011-9/2014
Residency	Newark Beth Israel Medical Center, Newark, New Jersey Pediatrics	7/2008-6/2011

### Board Certification and Medical Licensure

Board Certified in Allergy/Immunology	10/2015
Board Certified in Pediatrics	10/2011
Ohio State Medical License	5/2011

### Postdoctoral Research Training

Research Associate	Wayne State University, School of Medicine, Detroit, MI	5/2003-6/2008
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### Work Experience

Allergist/Immunologist, Assistant Professor Division of Allergy/Immunology, Akron Children's Hospital, Akron, OH Northeast Ohio Medical University	10/2014-present
Instructor Dept. of Immunology, Shanghai Medical University, Shanghai, China	7/1996-7/1998

### Publications

Ethan M Scott, Sharat Chandra, Jinzhu Li, Eric D Robinette, Miraides F Brown, Olivia K Wenger. Abnormal Newborn Screening Follow-up for Severe Combined Immunodeficiency in an Amish Cohort with Cartilage-Hair Hypoplasia. *J Clin Immunol*. 2020 Feb;40(2):321-328

Vrazo AC, Hontz AE, Figueira SK, Butler BL, Ferrell JM, Binkowski BF, **Li J**, Risma KA. Live cell evaluation of granzyme delivery and death receptor signaling in tumor cells targeted by human natural killer cells. *Blood*. 2015 Aug 20;126(8):e1-e10

Sherenian MG, Clee M, Schondelmeyer AC, de Alarcón A, **Li J**, Assa'ad A, Risma K. Caustic ingestions mimicking anaphylaxis: case studies and literature review. *Pediatrics*. 2015 Feb;135(2):e547-50

Li J, Figueira SK, Vrazo AC, Binkowski BF, Butler BL, Tabata Y, Filipovich A, Jordan MB, Risma KA. Real-time detection of CTL function reveals distinct patterns of caspase activation mediated by Fas versus granzyme B. *J Immunol*. 2014 Jul 15;193(2):519-28.

Harley Y. Tse, **Jinzhu Li**, Xiaoqing Zhao, Fei Chen, Peggy P. Ho, Michael K. Shaw. Lessons learned from studies of natural resistance in murine experimental autoimmune encephalomyelitis. *Current Trend in Immunology*. 2012, 13:1-12

**Li J**, Zhao X, Skoff R, Shaw MK, Tse HY. Differential levels of resistance to disease induction and development of relapsing experimental autoimmune encephalomyelitis in two H-2b-restricted mouse strains. *J Neuroimmunol*. 2011 May;234(1-2):109-14

**Li J**, Zhao X, Hao HW, Shaw MK, Tse HY. T cells that trigger acute experimental autoimmune encephalomyelitis also mediate subsequent disease relapses and predominantly produce IL-17. *J Neuroimmunol*. 2011 Jan;230(1-2):26-32.

**Li J**, Ridgway W, Fathman CG, Tse HY, Shaw MK. High cell surface expression of CD4 allows distinction of CD4+CD25+ antigen-specific effector T cells from CD4+CD25+regulatory T cells in murine experimental autoimmune encephalomyelitis. *J Neuroimmunol*. 2007; 192(1-2): 57-67

Shaw, MK., **Li, J**, Ho, PP., Hao, H, Lisak, RP, Tse, HY. (2007). Induction of myelin basic protein-specific adoptive experimental autoimmune encephalomyelitis in C57BL/6 mice: Longevity of donor T cells and lack of disease relapses. In P.V, Broglio(Ed.), *Neuroimmunology Research Focus*. (pp.175-191). Hauppauge, NY: Nova Science Publishers.

Schaubert KL, Price DA, Frahm N, **Li J**, Ng HL, Joseph A, Paul E, Majumder B, Ayyavoo V, Gostick E, Adams S, Marincola FM, Sewell AK, Altfeld M, Brenchley JM, Douek DC, Yang OO, Brander C, Goldstein H, Kan-Mitchell J.. Availability of a diversely avid CD8+ T cell repertoire specific for the subdominant HLA-A2-restricted HIV-1 Gag p2419-27 epitope. *J Immunol*. 2007, Jun; 178(12):7756-7766.

Chen F, Shaw MK, **Li J**, Lisak RP, Tse HY. Adoptive transfer of myelin basic protein-induced experimental autoimmune encephalomyelitis between SJL and B10.S mice: correlation of priming milieus with susceptibility and resistance phenotypes. *J Neuroimmunol*, 2006 ,173 (4): 146-54

Lin Lu, **Jinzhu Li**, Meiyang Wang and Housheng Wu. Induction of anti-DNA antibodies by immunization with activated lymphocytes and active chromatin. *Chinese Medical Journal* 1998; 111(6): 524-526

**Jinzhu Li**, Meiyang Wang and Housheng Wu. Prevention and treatment of SLE-like syndrome in mice by T cell vaccination. *Shanghai Journal of Immunology*. 1997 17(3): 164-167

**Jinzhu Li**, Housheng Wu and Meiyang Wang. Induction of anti-dsDNA antibody in mice by immunization with con A activated spleenocytes (Brief report). *Chinese Journal of Microbiology and Immunology*. 1997, 17(3):207

## **Abstracts**

**Jinzhu Li**, Amal H. Assa'ad, Kara Shah, Carl Allen, Kimberly A. Risma. Viral reactivation and subsequent cytotoxic lymphocyte activation associated with increased morbidity in children with DRESS syndrome. *The Journal of Allergy and Clinical Immunology* vol. 135 issue 2 February, 2015. p. AB114

**Li, Jinzhu**; Figueira, Sarah E.; Ferrel, Julie; Risma, Kimberly A. Novel NK Cytotoxicity Assay Enables Drug Discovery For Hemophagocytic Lymphohistiocytosis. *The Journal of Allergy and Clinical Immunology* vol. 133 issue 2 February, 2014. p. AB283

**Jinzhu Li**, Julie Ferrell, Sarah Figueira, Brock Binkowski and Kimberly Risma. Luminescence-based protease biosensor as a novel method to measure cytotoxic T lymphocyte function. *The Journal of Immunology*. 2013, 190, 135.22

Yu J, Tse HY, Lu H, **Li J**, Shaw MK. Cloning and functional analysis of an IL-13 splice variant lacking exon 2 which has inflammatory activity. *The Journal of Immunology*. 2007, Apr; 178(s1):95:22.

**Jinzhu Li**, Michael K Shaw, Harley Y. Tse. Regulation of disease relapses in murine experimental autoimmune encephalomyelitis (EAE). *The FASEB Journal*. 2001; 15: abstract 271.10

**J Li**, PP Ho, MK Shaw, HY Tse. H-2b mice are susceptible to experimental autoimmune encephalomyelitis induced by peptides of MOG, MBP and PLP. *The FASEB Journal*. 2000; 14: abstract 141.14