

Curriculum Vitae

Personal Information

Last Name: Dokouhaki
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Educational Background:

1998-2005 : PhD of Immunology, School of Public Health, Tehran University of Medical Science, Tehran, Iran

1988-1996: Medicine, Shahid Beheshti University of Medical Science, Tehran, Iran

Publications:

- 1) Diagnostic value of Adenosine Deaminase (ADA) ,Alkaline Phosphatase (ALP) and C-Reactive Protein (CRP) in patients with tuberculosis pleural effusion (MD thesis).
- 2) Clonal expression of variable segment of T cell receptor beta chain in endometrium of patients with recurrent spontaneous abortion and normal controls, a novel finding (PhD thesis)
- 3) Masjedi MR, Heidary A, Mohammadi F, Velayati AA, Dokouhaki P. Chromosomal aberrations and micronuclei in lymphocytes of patients before and after exposure to anti-tuberculosis drugs. *Mutagenesis*. 2000 Nov; 15 (6): 489-94.
- 4) Masjedi MR, Jamaati HR, Dokouhaki P. Ahmadzadeh Z, Taheri SA, Bigdeli M, Izadi S, Rostamian A, Aagin K, Ghavam SM .The effects of air pollution on acute respiratory conditions. *Respirology* 2003 Jun;8(2): 213-30.
- 5) Masjedi MR, Fadaizadeh L, Najafizadeh K, Dokouhaki P. Prevalence and Severity of Asthma Symptoms in Children of Tehran-ISAAC Study . *Pediat Asthma Allergy Immunol* 2004; 17 (4): 244-250
- 6) Zarnani AH, Dokouhaki P., Jeddi-Tehrani M.. Indoleamine 2,3- Dioxygenase and immunological tolerance during pregnancy. *Iranian J immunology* 2004;1(3):143-153.

- 7) Haghghi S, Karimi S, Dokouhaki P, Shahidi Rad M. Lymph node tuberculosis associated with pyoderma gangrenosum -A case report. *Infect Med* 2005 ; 22(2):76-8.
- 8) Behjati R, Modarressi MH, Jeddi-Tehrani M, Dokouhaki P, Ghasemi J, Zarnani AH, Aarabi M, Memariani T, Ghaffari M, Akhondi MA. Thrombophilic mutations in Iranian patients with infertility and recurrent spontaneous abortion. *Ann Hematol.* 2006 Apr;85(4):268-71.
- 9) Zarnani AH, Moazzeni SM, Shokri F, Salehnia M, Dokouhaki P, Shojaeian J, Jeddi-Tehrani M. The efficient isolation of murine splenic dendritic cells and their cytochemical features. *Histochem Cell Biol.* 2006 Aug;126(2):275-82.
- 10) Dokouhaki P, Moghadam R, Akbariasbagh F, Zarnani A, Novin MG, Razavi A, Jeddi-Tehrani M. Expression profile and clonality of T-cell receptor beta variable genes in normal human endometrium. *Am J Reprod Immunol.* 2006; 55(5):349-59.
- 11) Dokouhaki P, Moghaddam R, Rezvany M, Ghassemi J, Novin MG, Zarnani A, Akhondi MM, Ostadkarampour M, Mellstedt H, Razavi A, Jeddi-Tehrani M. Repertoire and clonality of T-cell receptor beta variable genes expressed in endometrium and blood T cells of patients with recurrent spontaneous abortion. *Am J Reprod Immunol.* 2008 ; 60(2):160-7
- 13) Dokouhaki P, Zhang L. Recent Advances in T Cell Adoptive Immunotherapy of Cancer. *Cancer Current Therapies Reviews* 2008; 4:1-13
- 14) Zarnani AH, Moazzeni SM, Shokri F, Salehnia M, Dokouhaki P, Ghods R, Mahmoodi AR, Jeddi-Tehrani M. Microenvironment of the feto-maternal interface protects the semiallogenic fetus through its immunomodulatory activity on dendritic cells. *Fertil Steril.* 2008 Sep;90(3):781-8
- 15) Shojaeian J, Jeddi-Tehrani M, Dokouhaki P, Mahmoodi AR, Ghods R, Bozorgmehr M, Nikoo S, Bayat AA, Akhondi MM, Ostadkarampour M, Rezania S, Zarnani AH. Mutual helper effect in copulsing of dendritic cells with 2 antigens: a novel approach for improvement of dendritic-based vaccine efficacy against tumors and infectious diseases simultaneously. *J Immunother.* 2009 May;32(4):325-32.
- 16) Jeddi-Tehrani M, Abbasi N, Dokouhaki P, Ghasemi J, Rezania S, Ostadkarampour M, Rabbani H, Akhondi MA, Fard ZT, Zarnani AH. Indoleamine 2,3-dioxygenase is expressed in the endometrium of cycling mice throughout the oestrous cycle. *J Reprod Immunol.* 2009 Jun;80(1-2):41-8.
- 17) Pouneh Dokouhaki, Mei Han, Betty Joe, Ming Li, Michael R. Johnston, Ming-Sound Tsao and Li Zhang. Adoptive Immunotherapy of Cancer using Ex vivo Expanded Human $\gamma\delta$ T Cells: A new approach. *Journal of Cancer Immunology and Immunotherapy (under review)*

Research Projects(2006-now)

New method for ex vivo expansion human gd T cells for adoptive T cell therapy of cancers.(M-F)

The effect and mechanism of adoptive immunotherapy of lung cancer using ex vivo expanded human gd T cells.(M-U)

Development of a xenogenic model of lung cancer to study the antitumor immune responses of autologous gd T cells in vivo (preclinical phase)(M-F)

Determination of feasibility of generating clinically relevant numbers of DNT cells from patients with AML in complete remission under Good Manufacturing Practice (GMP) compliant conditions(H-F).

Functional characterization of GMP-grade DNT cells in vitro and in vivo. (H-F)

Identification of novel markers important for DNT cell isolation and anti-leukemia function.(H-U)

Immune regulation of adaptive responses by human peripheral vd1 T cells; mechanisms and clinical implications.(M-F)

Identification of molecular markers necessary for tumor recognition and homing of human gd T cells in lung cancer.(M-U)

Patents & Funds

2007-2010 CIHR Training Program in Regenerative Medicine, Postdoctoral Fellowship grant

2007- Li Zhang, **Pouneh Dokouhaki** and Mei Han: Method of expanding double negative T cells. Serial number: 60/737,759, Provisional patent filed on November 18, 2005. PCT was filed November 20, 2006.