

Mehrnaz Mesdaghi

Birth date/Place: July 13, 1976 - Tehran, Iran

Sex: Female

Marital Status: Married

Children: One

Home address: Apt.3, No.27, Ghasemi St, Ketabi St, Qaytariyeh, Tehran, Iran

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Education

- **1995-2002** MD, Medicine; Grade A
School of Medicine, Tehran University of Medical Sciences, Tehran, Iran
- **2004-2010** PhD, Immunology; Grade A
School of Medicine, Tehran University of Medical Sciences, Tehran, Iran

Experience

- **Oct 2010- till now** Assistant professor
Department of Immunology and allergy, Mofid Children Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- **May 2015- till now** Secretary of Iranian society of allergy and immunology
- **June 2009- Nov 2009** Research (Sabbatical leave)
Department of Molecular Biology, Division of Allergy and Immunology, Salzburg University, Salzburg, Austria
- **April 2002 -Sep 2004** Research
Immunology, Asthma and Allergy Research Institute, Tehran University of Medical Sciences, Tehran, Iran

Current Research Projects

- Effect of oral immunotherapy with cow's milk in desensitization and tolerance induction in patients with cow's milk allergy
- Evaluation of the success rate of wheat oral immunotherapy to induce wheat tolerance in wheat allergic patients
- The study of Th17 and regulatory T cells in patients with eosinophilic esophagitis
- The study of Th17 cells in patients with chronic mucocutaneous candidiasis
- The study of Th17 cells in patients with Hyper IgE syndrome
- The study of Mendelian Susceptibility to Mycobacterial infections in Iranian children (with collaboration of Laboratoire de Génétique Humaine des Maladies Infectieuses, Paris, France)

Publications

1. Gorjipour H, Eslamyan G, **Mesdaghi M**, Mansouri M, karimi A, Eshghi P, Babae D, Bashardust B, Chavoshzadeh Z. Successful Treatment of Splenomegaly and Pancytopenia with Rituximab in a Patient with Nijmegen Breakage Syndrome (submitted).
2. Tonekabon SH, Jafari N, **Mesdaghi M**, Jabbehdari S, Eftekhari R, Mansouri M, Chavoshzadeh Z, Abdollah Gorji F. HLA- B*1502 in Iranian children with anticonvulsant drugs-induced skin reactions (submitted).
3. Karami Z, **Mesdaghi M**, Karimzadeh P, Kayhani doost Z, Taghdiri M, Mansouri M, Jebellie B, Shekarriz Foumani R, Chavoshzadeh Z. Evaluation of lymphocyte transformation test results in patients with delayed hypersensitivity reactions, following anticonvulsant drugs usage (submitted).
4. Alizadeh Najjarbashi F, **Mesdaghi M**, Alaei M, Shakiba M, Jami A. Screening of Humoral and Complement Immune System in Patients with Organic Acidemia. Iran J Allergy Asthma Immunol. 2015 (In press).
5. Tari K, Rahimi A, Atashi A, Pourfathollah AA, **Mesdaghi M**. Biology of TH17 Cells and Their Role in Inflammatory Diseases. Int Bio Biomed J. 2015; 1(2): 1-10.
6. Ramezanali Yakhchali A, **Mesdaghi M**, Chavoshzadeh Z, Mansouri M, Shiari R. Bruton's Disease Presenting With Arthritis; A Case Report. Arch Ped Infect Dis. 2015; 3(3): e 21080.
7. Mansouri M, **Mesdaghi M**, Chavoshzadeh Z, Heidarzadeh M, Abdollah Gorji F. Allergic drug reactions: a cross sectional study. Arch Ped Infect Dis. 2014; 3 (1): e14290.
8. Hosseini AH, **Mesdaghi M**, Sayyari AK, Chavoshzadeh Z. Chronic Diarrhea as a Presenting Manifestation of Common Variable Immunodeficiency. Arch Ped Infect Dis. 2013; 2 (3): 180-2.
9. Chavoshzadeh Z, Rezaei M, Haroni N, Armin S, Fallah F, Navidinia M, Mansouri M, Shamshiri AR, **Mesdaghi M**, Adib Eshgh F. Colonization with Methicillin Resistant and Methicillin

- Sensitive *Staphylococcus aureus* Subtypes in Patients With Atopic Dermatitis and Its Relationship With Severity of Eczema. *Arch Ped Infect Dis*. 2013; 1(2): 53-56.
10. Mohammadinejad M, Salehi E, **Mesdaghi M**, Atarod L, Movahedi M, Vojgani M. Increased expression of CD69 antigen on human peripheral blood NK cells in patients with allergic rhinitis. *Iran J Allergy Asthma Immunol*. 2013; 12(1):68-74.
 11. Stoecklinger A, Eticha TD, **Mesdaghi M**, Kissenpfennig A, Malissen B, Thalhamer J, Hammerl P. Langerin+ Dermal Dendritic Cells Are Critical for CD8+ T Cell Activation and IgH γ -1 Class Switching in Response to Gene Gun Vaccines. *J Immunol*. 2011; 186(3):1377-83.
 12. **Mesdaghi M**, Vodjgani M, Salehi E, Hajati J, Bidad K, Sarafnejad A. NK Cell Features in Allergic Rhinitis Patients and Non-Atopic Controls. *Int Arch Allergy Immunol*. 2010; 153(3): 234-238.
 13. Pourpak Z, **Mesdaghi M**, Mansouri M, Kazemnejad A, Toosi SB, Farhoudi A. Which cereal is a suitable substitute for wheat in children with wheat allergy? *Pediatr Allergy Immunol*. 2005; 16:262-266.
 14. Kouhkan A, Pourpak Z, Moin M, Dorosty AR, Safar Alizadeh R, Teimorian Sh, Farhoudi A, Aghamohammadi A, **Mesdaghi M**, Kazemnejad A. A Study of Malnutrition in Iranian Patients with Primary Antibody Deficiency. *Iran J Allergy Asthma Immunol*. 2004 ;3(4):189-196.
 15. Pourpak Z, Mansouri M, **Mesdaghi M**, Farhoudi A, Kazemnejad A. Wheat allergy: clinical and laboratory manifestations. *Int Arch Allergy Immunol*. 2004 Feb; 133(2):168-73.
 16. Pourpak Z, **Mesdaghi M**, Zarinara A, Shahabi Sh, Rajabi B, Heidarzadeh M, Kazemnejad A, Kouhkan A, Kardar Gh. A cross-sectional study of latex allergy among operation room staff of hospitals of Tehran University of Medical Sciences, 1380-1381. *Iranian Journal of Dermatolgy*. 2004; 7(4):219-230.
 17. Pourpak Z, Farhoudi A, Arshi Z, Movahedi M, Gharagozlo M, Yazdani F, **Mesdaghi M**. Common food allergens in Iranian children. (A report from a referral center in Tehran University of Medical Sciences). *Iranian Journal of medical sciences*. 2003; 28(1): 17-22.
 18. Farhoudi A, Pourpak Z, **Mesdaghi M**, Chavoshzadeh Z, Kazemnejad A. The study of cockroach allergy in Iranian children with asthma. *Iranian Journal of medical sciences*. 2002; 27(4): 156-160.

Congress Presentations

1. **Prevalence of cockroach allergy in asthmatic children**. 21st Congress of the European Academy of Allergology and Clinical Immunology 2002- Naples, Italy.
2. **The study of cockroach allergy in Iranian children with asthma**. 12th European Respiratory Congress 2002- Stockholm, Sweden.
3. **Common aeroallergens in childhood asthma**. 22nd Congress of the European Academy of Allergology and Clinical Immunology 2003- Paris, France.

4. **Common food allergens in children with respiratory allergic symptoms.** 13th European Respiratory Congress 2003- Stockholm, Sweden.
5. **Food allergy as cause of skin disorders.** 22nd Congress of the European Academy of Allergology and Clinical Immunology 2003- Paris, France.
6. **Prevalence of wheat allergy among children with food allergy symptoms.** 18th WAO Congress 2003- Vancouver, Canada.
7. **Utility of wheat specific IgE concentration in wheat allergy diagnosis and predicting probability of anaphylaxis.** 18th WAO Congress 2003- Vancouver, Canada.
8. **Considerable Number of Positive Patch Test to Latex in Allergic Operation Room Staff.** 23rd Congress of the European Academy of Allergology and Clinical Immunology 2004- Amesterdam, The Netherlands.
9. **Food allergy and skin disorders.** 23rd Congress of the European Academy of Allergology and Clinical Immunology 2004- Amesterdam, The Netherlands.
10. **High Prevalence of Immediate Allergic Reactions to Latex Surgical Gloves in Operation Room Staff in Iran.** 23rd Congress of the European Academy of Allergology and Clinical Immunology 2004- Amsterdam, The Netherlands.
11. **Serum selenium, iron, zinc, and copper levels in patients with primary humoral immunodeficiency.** 23rd Congress of the European Academy of Allergology and Clinical Immunology 2004- Amesterdam, The Netherlands.
12. **Severe asthma among children with allergy to German cockroach.** 12th International Congress of Immunology 2004- Montreal, Canada.
13. **Cockroach is the most common indoor allergen among patients with allergic rhinitis.** 24th Congress of the European Academy of Allergology and Clinical Immunology 2005- Munich, Germany.
14. **Anthropometric measurements and socioeconomic factors in Iranian immunodeficient patients.** 24th Congress of the European Academy of Allergology and Clinical Immunology 2005- Munich, Germany.
15. **Adverse drug reactions in two departments of infectious disease and neurology: prospective study.** Symposium of Pharmacy: A Profession in Transition 2005, Riyadh, Saudi Arabia.
16. **The comparison of common food allergens among food allergic children with respiratory and cutaneous symptoms.** 25th Congress of the European Academy of Allergology and Clinical Immunology 2006- Vienna, Austria.
17. **NK cells and their cytokines in patients with allergic rhinitis compared to healthy controls.** 28th Congress of the European Academy of Allergology and Clinical Immunology 2009- Warsaw, Poland.
18. **Nk cell number and activity in patients with allergic rhinitis compared to healthy controls.** 2nd European Congress of Immunology 2009- Berlin, Germany.
19. **Common food allergens according to measurement of food specific IgE in Iranian children.** 30th Congress of the European Academy of Allergology and Clinical Immunology 2011- Istanbul, Turkey.

20. **Increased Expression of CD69 Antigen on Human Peripheral Blood NK Cells in Patients with Allergic Rhinitis.** 11th International congress of Immunology and Allergy 2012- Tehran, Iran.
21. **A case series of patients with Hyper IgM syndromes (13 cases) from Mofid hospital during 2005- 2013.** 12th International congress of Immunology and Allergy 2014- Tehran, Iran.
22. **Performance of atopy patch test for the diagnosis of food allergy in children with atopic dermatitis (6 months to 12 years).** 12th International congress of Immunology and Allergy 2014- Tehran, Iran.
23. **The results of lymphocyte transformation in patients suspected to cellular immunodeficiency in Mofid Children Hospital.** 12th International congress of Immunology and Allergy 2014- Tehran, Iran.
24. **Evaluation of humoral immunity in patients with organic academia.** 12th International congress of Immunology and Allergy 2014- Tehran, Iran.
25. **Sensitivity and specificity of lymphocyte transformation test in assessment of hypersensitivity reactions following anticonvulsant usage.** 4th European Congress of Immunology 2015-Vienna, Austria.

Language skills

- English Fluent
- French Basic
- German Basic
- Persian As mother tongue