

## Curriculum Vitae

**Personal identification:**

**First name: Seyed Alireza    Surnmae: Mahdaviani**

**Birth date: 1969**

**Palce of birth: Tehran      Religious: Moslem**

**Marital Statues : Married**

**Academic position: Assistant Professor, Shahid Beheshti University of Medical Sciences,  
Tehran,Iran**

**Work address: The National Research Institute of Tuberculosis and Lung Diseases (NRITLD)  
(Shaheed Beheshti University)**

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**Title: Assistant Prof. of Allergy and Clinical Immunology**

**Ward :Pediatric Respiratory Disease Research Center,NRITLD**

**Second language: English**

**Educational status:**

<b>Degrees</b>	<b>Field of education</b>	<b>Graduation year</b>	<b>University</b>	<b>School</b>	<b>City-Country</b>
<b>M.D.</b>	<b>General practice</b>	<b>1994</b>	<b>Tehran University</b>	<b>Medicine</b>	<b>Tehran-Iran</b>
<b>Specialty</b>	<b>Pediatrics</b>	<b>2004</b>	<b>Tehran University</b>	<b>Medicine</b>	<b>Tehran-Iran</b>
<b>Sub-Speciality</b>	<b>Allergy &amp; Clinical Immunology</b>	<b>2009</b>	<b>Tehran University</b>	<b>Medicin</b>	<b>Tehran – Iran</b>

**Experience:**

- Executive Director, World Asthma Day (WAD) ,2007- Imam Khomeini International Conference Center
- Executive Director, World Asthma Day (WAD) ,2008- Imam Khomeini International Conference Center
- Member of managerial board of Iranian Society of Asthma and Allergy(2007- 2009) (2013-2014)
- Reviewer of Proposals in Immunology ,Asthma and Allergy Research Institute
- Cooperation in Asthma and Allergy workshops for families as a lecturer ( 2007-2010)
- Assistant Prof. of Allergy and Clinical Immunology ,Faculty Member of NRITLD , Massih Daneshvari Hospital
- Editorial board of Iranian Journal of Allergy, Asthma and Immunology(2013-2014)
- Head, Reserch and International Affairs Department of NTITLD, Massih Daneshvari Hospital(2011-2014)
- Executive Director, World Asthma Day (WAD) ,2015- Imam Khomeini International Conference Center

## **Publications:**

### **1- Proinflammatory cytokine gene polymorphisms among Iranian patients with asthma.**

Mahdaviani SA, Rezaei N, Moradi B, Dorkhosh S, Amirzargar AA, Movahedi M

J Clin Immunol. 2009 Jan;29(1):57-62. Epub 2008 Sep 2

### **2- IL-10, TGF-beta, IL-2, IL-12, and IFN-gamma cytokine gene polymorphisms in asthma.**

Movahedi M, Mahdaviani SA, Rezaei N, Moradi B, Dorkhosh S, Amirzargar AA J Asthma. 2008 Nov;45(9):790-4

### **3-Polymorphisms in IL-4 and IL-4 RA genes confer susceptibility to asthma.**

Ali Akbar Amirzargar AA, Movahedi M, Rezaei N, Moradi B, Dorkhosh S, Mahloji M, Mahdaviani SA. J Investig Allergol

Clin Immunol 2009; 19 (6)

### **4- Adverse reactions of prophylactic intravenous immunoglobulin; a 13-year experience with 3004 infusions in Iranian patients with primary immunodeficiency diseases.**

Dashti-Khavidaki S, Aghamohammadi A, Farshadi F, Movahedi M, Parvaneh N, Pouladi N, Moazzami K, Cheraghi T,

Mahdaviani SA, Saghafi S, Heydari G, Abdollahzade S, Rezaei N J Investig Allergol Clin Immunol. 2009;19(2):139-45

**5-Comparison of morbidities between infants of pregestational & gestational diabetic mothers in Tehran Vali-e- Asr Hospital.**

Nili F, Mahdaviyani A . Med J Islam Repub Iran.2004;18(1):13-21.

**6- Inheritance Pattern and Clinical Aspects of 93 Iranian Patients with Chronic Granulomatous Disease.**

Fattahi F, Badalzadeh M, Sedighipour L, Movahedi M, Fazlollahi MR, Mansouri SD, Khotaei GT, Bemanian MH, Behmanesh F, Hamidieh AA, Bazargan N, Mamishi S, Zandieh F, Chavoshzadeh Z, Mohammadzadeh I, Mahdaviyani SA, Tabatabaei SA, Kalantari N, Tajik S, Maddah M, Pourpak Z, Moin M.J Clin Immunol. 2011 Jul 26.

**7- IL-12R $\beta$ 1 deficiency in two of fifty children with severe tuberculosis from Iran, Morocco, and Turkey.**

Boisson-Dupuis S, El Baghdadi J, Parvaneh N, Bousfiha A, Bustamante J, Feinberg J, Samarina A, Grant AV, Janniere L, El Hafidi N, Hassani A, Nolan D, Najib J, Camcioglu Y, Hatipoglu N, Aydogmus C, Tanir G, Aytakin C, Keser M, Somer A, Aksu G, Kutukculer N, Mansouri D, Mahdaviyani A, Mamishi S, Alcais A, Abel L, Casanova JL.PLoS One. 2011 Apr 13;6(4):e18524

**8 - IL-2-inducible T-cell kinase deficiency with pulmonary manifestations due to disseminated Epstein-Barr virus infection.**

Mansouri D, Mahdaviyani SA, Khalilzadeh S, Mohajerani SA, Hasanzad M, Sadr S,Nadji SA, Karimi S, Droodinia A, Rezaei N, Linka RM, Bienemann K, Borkhardt A, Masjedi MR, Velayati AA. Int Arch Allergy Immunol. 2012;158(4):418-22. Epub 2012 Apr 5. PubMed PMID: 22487848.

**9- Novel mutation of the activation-induced cytidine deaminase gene in a Tajik family: special review on hyper-immunoglobulin M syndrome.**

Mahdaviyani SA, Hirbod-Mobarakeh A, Wang N, Aghamohammadi A, Hammarström L, Masjedi MR, Pan-Hammarström Q, Rezaei N. Expert Rev Clin Immunol. 2012 Aug;8(6):539-46. PubMed PMID: 22992148.

**10- Pulmonary manifestations of chronic granulomatous disease.**

Mahdaviyani SA, Mohajerani SA, Rezaei N, Casanova JL, Mansouri SD, Velayati AA. Expert Rev Clin Immunol. 2013 Feb;9(2):153-60. doi: 10.1586/eci.12.98. Review. PMID: 23390946

**11- AICDA single nucleotide polymorphism in common variable immunodeficiency and selective IgA deficiency.**

Farhadi E, Nemati S, Amirzargar AA, Hirbod-Mobarakeh A, Nabavi M, Soltani S, Mahdaviani SA, Shahinpour S, Arshi S, Nikbin B, Aghamohammadi A, Rezaei N. *Allergol Immunopathol (Madr)*. 2013 May 31. S0301-0546(13)00102-X. doi: 0.1016/j.aller.2013.02.002. PubMed PMID: 23731676.

## **12- Pulmonary computed tomography scan findings in chronic granulomatous disease.**

Mahdaviani SA, Mehrian P, Najafi A, Khalilzadeh S, Eslampanah S, Nasri A, Karam MB, Rezaei N, Velayati AA. *Allergol Immunopathol (Madr)*. 2013 Jul 11. pii: S0301-0546(13)00149-3. doi: 10.1016/j.aller.2013.04.003.

## **13- Inherited IL-12p40 deficiency: genetic, immunologic, and clinical features of 49 patients from 30 kindreds.**

Prando C, Samarina A, Bustamante J, Boisson-Dupuis S, Cobat A, Picard C, AlSum Z, Al-Jumaah S, Al-Hajjar S, Frayha H, Alangari A, Al-Mousa H, Mobaarek KF, Ben-Mustapha I, Adimi P, Feinberg J, de Suremain M, Janni re L, Filipe-Santos O, Mansouri N, Stephan JL, Nallusamy R, Kumararatne DS, Bloorsaz MR, Ben-Ali M, Elloumi-Zghal H, Chemli J, Bouguila J, Bejaoui M, Alaki E, AlFawaz TS, Al Idrissi E, ElGhazali G, Pollard AJ, Murugasu B, Wah Lee B, Halwani R, Al-Zahrani M, Al Shehri MA, Al-Zahrani M, Bin-Hussain I, Mahdaviani SA, Parvaneh N, Abel L, Mansouri D, Barbouche R, Al-Muhsen S, Casanova JL. 2013 Mar;92(2):109-22. doi: 10.1097/MD.0b013e31828a01f9. Erratum in: *Medicine (Baltimore)*. 2013 May;92(3):190.

## **14- Skin Prick Test Reactivity to Common Aero and Food Allergens among Children with Allergy.**

Hosseini S, Shoormasti RS, Akramian R, Movahedi M, Gharagozlou M, Foroughi N, Saboury B, Kazemnejad A, Mahlooji Rad M, Mahdaviani A, Pourpak Z, Moin M. *Iran J Med Sci*. 2014 Jan;39(1):29-35.

## **15- Role of the immune cells, mediators and cytokines in pathogenesis of asthma: a review article.**

SB Mahne, SA Mahdaviani, MD Nima Rezaei – *Tehran Univ Med J (TUMJ)* 2014 August;72(5):273-85

## **16- Primary Immunodeficiency Disorders in Iran: Update and New Insights from the Third Report of the National Registry.**

Aghamohammadi A, Mohammadinejad P, Abolhassani H, Mirminachi B, Movahedi M, Gharagozlou M, Parvaneh N, Zeiaee V, Mirsaeed-Ghazi B, Chavoushzadeh Z, Mahdaviani A, Mansouri M, Yousefzadegan S, Sharifi B, Zandieh F, Hedayat E, Nadjafi A, Sherkat R, Shakerian B, Sadeghi-Shabestari M, Farid Hosseini R, Jabbari-Azad F, Ahanchian H, Behmanesh F, Zandkarimi M, Shirkani A, Cheraghi T, Fayezi A, Mohammadzadeh I, Amin R, Aleyasin S, Moghtaderi M, Ghaffari J, Arshi S, Javahertrash N, Nabavi M, Bemanian MH, Shafiei A, Kalantari N, Ahmadiashar A, Khzaei HA, Atarod L, Rezaei N. *J Clin Immunol*. 2014 Mar 25. [Epub ahead of print] PubMed PMID: 24659230.

## **17- Inherited CARD9 Deficiency in 2 Unrelated Patients With Invasive Exophiala Infection.**

Lanternier F, Barbati E, Meinzer U, Liu L, Pedergnana V, Migaud M, H ritier S, Chomton M, Fr mond ML, Gonzales E, Galeotti C, Romana S, Jacquemin E, Angoulvant A, Bidault V, Canioni D, Lachenaud J, Mansouri D, Mahdaviani SA, Adimi

P, Mansouri N, Jamshidi M, Bougnoux ME, Abel L, Lortholary O, Blanche S, Casanova JL, Picard C, Puel A. *J Infect Dis*. 2014 Jul 23. pii: jiu412. [Epub ahead of print] PubMed PMID: 25057046.

### **18- Allergic and nonallergic asthma in children: are they distinct phenotypes?**

Mahdaviani SA, Mohajerani SA, Fakhri M, Ebrahimi M, Bashardoost B, Razavi SJ, Toolabi M, Tajik A, Khalilzadeh S, Masjedi MR. *Iran J Allergy Asthma Immunol*. 2014 Oct;13(5):370-4. PubMed PMID: 25150079.

### **19- IgG anti-IgA antibodies in paediatric antibody-deficient patients receiving intravenous immunoglobulin.**

Torabi Sagvand B, Mirminachi B, Abolhassani H, Shokouhfar T, Keihanian T, Amirzargar A, Mahdaviani A, Aghamohammadi A. *Allergol Immunopathol (Madr)*. 2014 Sep 5. pii: S0301-0546(14)00125-6. doi: 10.1016/j.aller.2014.05.005. [Epub ahead of print] PubMed PMID: 25201762.

### **20- Human intracellular ISG15 prevents interferon- $\alpha/\beta$ over-amplification and auto-inflammation.**

Zhang X, Bogunovic D, Payelle-Brogard B, Francois-Newton V, Speer SD, Yuan C, Volpi S, Li Z, Sanal O, Mansouri D, Tezcan I, Rice GI, Chen C, Mansouri N, Mahdaviani SA, Itan Y, Boisson B, Okada S, Zeng L, Wang X, Jiang H, Liu W, Han T, Liu D, Ma T, Wang B, Liu M, Liu JY, Wang QK, Yalnizoglu D, Radoshevich L, Uzé G, Gros P, Rozenberg F, Zhang SY, Jouanguy E, Bustamante J, García-Sastre A, Abel L, Lebon P, Notarangelo LD, Crow YJ, Boisson-Dupuis S, Casanova JL, Pellegrini S. *Nature*. 2015 Feb 11. doi: 10.1038/nature14271. [Epub ahead of print] PubMed PMID: 25686611.

### **21- Inherited CARD9 deficiency in otherwise healthy children and adults with *Candida* species-induced meningoencephalitis, colitis, or both.**

Lanternier F, Mahdaviani SA, Barbati E, Chaussade H, Koumar Y, Levy R, Denis B, Brunel AS, Martin S, Loop M, Peeters J, de Selys A, Vanclaire J, Vermeylen C, Nassogne MC, Chatzis O, Liu L, Migaud M, Pedergrana V, Desoubeaux G, Jouvion G, Chretien F, Darazam IA, Schäffer AA, Netea MG, De Bruycker JJ, Bernard L, Reynes J, Amazrine N, Abel L, Van der Linden D, Harrison T, Picard C, Lortholary O, Mansouri D, Casanova JL, Puel A. *J Allergy Clin Immunol*. 2015 Feb 19. pii: S0091-6749(15)00011-1. doi: 10.1016/j.jaci.2014.12.1930. [Epub ahead of print] PubMed PMID: 25702837.

### **22- Inherited and acquired immunodeficiencies underlying tuberculosis in childhood.**

Boisson-Dupuis S, Bustamante J, El-Baghdadi J, Camcioglu Y, Parvaneh N, El Azbaoui S, Agader A, Hassani A, El Hafidi N, Mrani NA, Jouhadi Z, Ailal F, Najib J, Reisl I, Zamani A, Yosunkaya S, Gulle-Girit S, Yildiran A, Cipe FE, Torun SH, Metin A, Atikan BY, Hatipoglu N, Aydogmus C, Kilic SS, Dogu F, Karaca N, Aksu G, Kutukculer N, Keser-Emiroglu M, Somer A, Tanir G, Aytakin C, Adimi P, Mahdaviani SA, Mamishi S, Bousfiha A, Sanal O, Mansouri D, Casanova JL, Abel L. *Immunol Rev*. 2015 Mar;264(1):103-20. doi: 10.1111/imr.12272. PubMed PMID: 25703555.

#### **Abstracts and Postres Presented in Conferences:**

- **Diagnostic and therapeutic implications of current knowledge of Asthma -20<sup>th</sup> International Congress of Pediatrics :OCT 2008**
- **Th1 and Th2 Cytokine gene polymorphisms in Iranian Patients with Asthma – The 9<sup>th</sup> Iranian Congress of Immunology and Allergy –May 2009**
- **Drug Allergy , New attitudes in the diagnosis (poster)-Annual Congress of Iranian Society of Pediatrics –April 2008**
- **Acute Asthma ,New Systemic Approaches (poster) -3<sup>rd</sup> Iranian Congress of Pediatric Emergency –March 2008**
- **New approaches to Asthma – 19<sup>th</sup> International Congress of Pediatrics-Oct 2007**
- **Immunotherapy in Allergic rhinitis- third Regional Seminar on Asthma and Allergic rhinitis in Children**
- **Asthma Registry, a path to uncover pitfalls in asthma - ERS Annual Congress - Vienna 2012**
- **Polymorphisms in IL-4 and IL-4 RA genes confer susceptibility to asthma- European Academy of Allergology and Clinical Immunology Congress 2011**
- **Asthma registry, a path to uncover pitfalls in asthma. ERS Vienna Annual Congress 2012**

#### **Books:**

- **Treatment of common ear, nose and throat diseases (Publisher medical sciences)**
- **Eye diseases (Publisher Tabalvor)- March 1998**
- **Clinical Cases in Primary Immunodeficiency Diseases- A Problem-Solving Approach- Defects in Innate Immunity: Receptors and Signaling. 2012, Springer**