

Curriculum Vitae



Hossein Esmailzadeh (MD)

• Personal details:

Name: Hossein

Family Name: Esmailzadeh

Birth Date: 14/08/1976

Place of Birth: Shiraz, Iran

Marriage: Aug 2007. Our child born in 2017

• Current Position

Assistant Prof. of Allergy and Clinical Immunology
Namazi Hospital, Shiraz University of Medical Sciences
Shiraz, Iran. 2014-18

• Contact information:

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• Field of Expertise:

NSAID and Drug Allergy
Food Allergy and Desensitization
Nasal polyposis
Asthma and Allergic rhinitis
Pediatric Rheumatology

- **RESEARCH LINES IN COURSE:**

- Nasal Polyposis: Pathophysiology, Risk factors and Co-morbid
- Intolerance to non-steroidal anti-inflammatory drugs: Studies on gene expression, Risk factors and Desensitization
- Food allergy: prevalence, Risk factors, Tolerance induction
- Asthma and Allergic Rhinitis Treatment

- **Education**

MD:

Bandar abbas University of medical science, school of Medicine, 1995-2002

Pediatric Specialty:

Tehran (IRAN) University of Medical Sciences, Tehran, IRAN, 2006-2009

Super Specialty Allergy & Clinical immunology:

Tehran University of Medical Sciences, Tehran, IRAN, 2011-2014

Master of Public Health:

Shiraz University of Medical Sciences, Shiraz, Iran, Sep 2017- present.

- **Memberships:**

American Academy of Allergy, Asthma and Immunology.

European Academy of Allergy and Clinical Immunology

Iranian Society of Asthma and allergy

Iranian Research center for immunodeficiency

- **Professional courses and Appointments:**

- Advance course in cystic fibrosis and asthma. Division of respiratory, Sickkids hospital, Toronto, Canada, 2017

- Observation course of food, drug and Respiratory Allergy. Division of pediatric Allergy, Immunology And Rheumatology, Virginia Common wealth University (VCU); Richmond, United States of America, 2013.

- Advanced course in immunology, Iranian society for Immunology& Allergy. Tehran, Iran; 2012.

- **Other professional activities:**

- Deputy of Allergy Research Center, Shiraz, Iran. 2015-18
- Teaching and research Administrator of Paediatric Department, Shiraz University of Medical Sciences, Shiraz, Iran. 2016-18

Publications

- 1- Nabavi M, **Esmaeilzadeh H**, Arshi S, et al. Multiple Cancers in a Patient with Common Variable Immunodeficiency., Fallahpour M, Mortazavi N, NimaRezaei N, *Allergologia et Immunopathologia*. 2014 Jan-Feb; 42(1):85-7.
- 2- Nabavi M, **Esmaeilzadeh H**, Arshi S, et al. Does Oral Administration of Immunoglobulin Could Reduce Diarrheal Severity in Common Variable Immunodeficiency?. *Allergologia et Immunopathologia*. 2014 Jul-Aug;42(4):371-2.
- 3- Nabavi M, Fallahpour M, **Esmaeilzadeh H**, et al. Persistent Papilloma and Polyoma Virus Infection in Common Variable Immuno Deficiency With Progressive Multifocal Leukoencephalopathy. *Annals of Allergy, Asthma & Immunology*. 2013 Feb;110(2):119-20.
- 4- Nabavi M, **Esmaeilzadeh H**, Arshi S, et al. Aspirin hypersensitivity in patients with chronic rhinosinusitis and nasal polyposis: Frequency and Contributing factors. *American Journal of Rhinology and Allergy*. 2014 May-Jun;28(3):239-43.
- 5- Nabavi M, Arshi S, Bahrami A, **Esmaeilzadeh H**, et al. Increased level of interleukin-13, but not interleukin-4 and interferon- γ in chronic rhinosinusitis with nasal polyps. *Allergologia et Immunopathologia*. 2014 Sep-Oct;42(5):465-71.
- 6- Arshi S, Fallahpour M, Nabavi M, Bermanian MH, Javad-Mousavi SA, **Esmaeilzadeh H**, et al. The effects of vitamin D supplementation on airway functions in mild to moderate persistent asthma. *Ann Allergy Asthma Immunol*. 2014 Oct;113(4):404-9.
- 7- **Esmaeilzadeh H**, Nabavi M, Bermanian MH, et al HLA-DRB and HLA-DQ genetic variability in patients with aspirin exacerbated respiratory disease.. *American Journal of Rhinology and Allergy*. 2015 May-Jun;29(3):e63-9.
- 8- **Esmaeilzadeh H**, Bermanian MH, Nabavi M, et al. Novel Patient with Late-Onset Familial Hemophagocytic Lymphohistiocytosis with STXBP2 Mutations Presenting with Autoimmune Hepatitis, Neurological Manifestations and Infections Associated with Hypogammaglobulinemia. *Journal of Clinical Immunology*. 2015 Jan;35(1):22-5

9- **Esmailzadeh H**, Nabavi M, Aryan Z, Amirzargar AA. Pharmacogenetic tests to predict the efficacy of aspirin desensitization in patients with aspirin-exacerbated respiratory diseases; HLA-DQB302. *Expert Rev Respir Med*. 2015 Oct; 9(5):511-8.

10- **Esmailzadeh H**, Nabavi M, Aryan Z. Aspirin desensitization for patients with aspirin-exacerbated respiratory disease: A randomized double-blind placebo-controlled trial. *J Clin Immunol*. 2015 Oct; 160(2).

11- Arshi S, Nabavi M, Bermanian MH, **Esmailzadeh H**, et al. Phenotyping and follow up of forty-seven Iranian patients with common variable immunodeficiency. *Allergologia et immunopathologia* 44 (3), 226-231.

12- M Nabavi, S Arshi, MH Bermanian,.., **Esmailzadeh H**, et al. Long-term follow-up of ninety eight Iranian patients with primary immune deficiency in a single tertiary centre. *Allergologia et immunopathologia* 44 (4), 322-330.

13- Alyasin S, Nabavizadeh SH, Houshmand H, **Esmailzadeh H**, et al. Short Time Efficiency of Rhinophototherapy in Management of Patients with Allergic Rhinitis Resistant to Medical Therapy. *Iranian Journal of Allergy, Asthma and Immunology* 15 (4), 317.

14- Alyasin S, Amin R, Fazel A, **Esmailzadeh H**, et al. IL-23 Gene and Protein Expression in Childhood Asthma. *Iranian Journal of Immunology*; 14 (1), 73.

15- Babaie D, M Nabavi, Arshi S, **Esmailzadeh H**, et al. Cow's Milk Desensitization in Anaphylactic Patients: A New Personalized-dose Method. *Iran J Allergy Asthma Immunol*. 2017 Feb;16(1):45-52.

16- **Esmailzadeh H**, Esmailzadeh E, Faramarzi M, et al. Salicylate Food Intolerance and Aspirin Hypersensitivity in Nasal Polyposis. *Iranian Journal of Immunology*. 2017 Mar;14(1):81-88.

17- Nabavi M, Lavavpour M, Arshi S,.., **Esmailzadeh H**. Characteristics, Etiology and Treatment of Pediatric and Adult Anaphylaxis in Iran. *Iranian Journal of Allergy, Asthma and Immunology*. 16 (6), 480.

18- Mortazavi N, **Esmailzadeh H**, Abbasinazari, et al. Clinical and Immunological Efficacy of Aspirin Desensitization in Nasal Polyp Patients with Aspirin-Exacerbated Respiratory Disease. *Iran J Pharm Res*. 2017 Fall; 16(4):1639-1647.

19- **Esmailzadeh H**, Bordbar MR, Dastsooz H, et al. A novel splice site mutation in WAS gene in patient with Wiskott-Aldrich syndrome and chronic colitis: a case report. *BMC Med Genet*. 2018 Jul 20;19(1):123. doi: 10.1186/s12881-018-0647-0.

20- Nabavizadeh H, Alyasin S, Houshmand H, **Esmailzadeh H**, et al. Drug Hypersensitivity Reactions in Hospital-Admitted Children: A Single Center Study in Southern Iran. *Jundishapur J Nat Pharm Prod*. 2018; 13(2):e13981. doi: 10.5812/jjnpp.13981.

21- **Esmailzadeh H**, Kashef S, Hatami HR, et al. Severe Allergic Bronchopulmonary Mycosis and Long-Term Follow-Up. *Case Reports in Immunology*. Volume 2018, Article ID 4251673, 5 pages <https://doi.org/10.1155/2018/4251673>.

22- **Esmailzadeh H**, Alyasin S, Haghighat M, et al. The effect of baked milk on accelerating unheated cow's milk tolerance: A control randomized clinical trial. *Pediatr Allergy Immunol*. 2018 Nov; 29(7):747-753.

23- Alyasin S, **Esmailzadeh H**, Ebrahimi N, et al. Phenotyping and long-term follow up of patients with hyper IgE syndrome. *Allergol Immunopathol (Madr)*. 2019 Mar - Apr;47 (2):152-158.

24- **Esmailzadeh H**, Farjadian S, Alyasin S, et al. Epidemiology and severe cutaneous adverse drug reaction and its HLA association among pediatrics. *Iran J Pharm Res*. 18 (1), 506-522

25- Abolhassani H, Kiaee F, Tavakol M,..., **Esmailzadeh H**, et al. Fourth Update on the Iranian National Registry of Primary Immunodeficiencies: Integration of Molecular Diagnosis. *J Clin Immunol*. 2018 Oct;38(7):816-832.

26- Yazdani R, Abolhassani H, Kiaee F,..., **Esmailzadeh H**, et al. Comparison of Common Monogenic Defects in a Large Predominantly Antibody Deficiency Cohort. *J Allergy Clin Immunol Pract*. 2018 Sep 19.

27- Hassan Abolhassani, Fatemeh Kiaee, Marzieh Tavakol,..., **Esmailzadeh H**, et al, Fourth Update on the Iranian National Registry of Primary Immunodeficiencies: Integration of Molecular Diagnosis. *J Clin Immunol*. 2018 Oct;38(7):816-832.

28- **Esmailzadeh H**, Bordbar MR, Dastsooz H, et al. A novel splice site mutation in WAS gene in patient with Wiskott-Aldrich syndrome and chronic colitis: a case report. *BMC Med Genet*. 2018 Jul 20;19(1):123.

29- S Alyasin , H Esmailzadeh , SH Nabavizadeh , Ebrahimi N, Systemic Lupus Erythematosus Triggered by Bee Sting: A Case Report. *Armaghane Danesh*__ 2018, 23(4): 528-535.

Books:

- Translation to Persian and edit: Nelson text book of pediatric 2011, chapters of Immunology & Allergy, Sep 2012.

- Drug Allergy review, Shiraz University of Medical Sciences, 2015.

Congress presentation:

- 1- American Academy of Allergy, Asthma & Immunology Annual Meeting. San Antonio, Texas, 22-26 February, 2013. (Attendance)

- 2- Aspirin hypersensitivity in Iranian patients. Drug Hypersensitivity Meeting, Poster presentation, 9-12 April 2014, BERN, Switzerland.
- 3- NSAID hypersensitivity mechanism and challenges (oral presentation). 9th biennial congress of Iranian society of asthma and allergy; 27-29 Nov, 2013.
(Best original article).
- 4- Multiple Cancers in COVID-19. 24th International Congress of Pediatrics; IRAN, Tehran, Oct 11-15, 2022
- 5- Update in anaphylaxis & urticaria; General practitioners Annual Meeting, IRAN, Tehran, Sep 12-14, 2022
- 6- HLA genes are associated with susceptibility to chronic rhinosinusitis with nasal polyps and intolerant asthma (oral presentation). 12th international congress of Immunology & Allergy. Tehran, April 29- May 2, 2014.
- 7- Executive secretary of 10th international biennale of Iranian society of Asthma and Allergy. April 2015.
- 8- American Academy of Allergy, Asthma & Immunology Annual Meeting. Houston, Texas, 20-24 February, 2015. (Presentation)
- 9- American Academy of Allergy, Asthma & Immunology Annual Meeting. Los Angeles, CA. 4-7 March, 2016. (Presentation).
- 10- European Academy of Allergy and Clinical Immunology (EAACI) annual meeting, Munich, May 2018, baked milk can induce tolerance in cows milk allergy, poster presentation.