

In The Name of God

Mohammad Ali-Hassanzadeh



**Personal  
Information**

Date of Birth: June 29, 1987  
Birth Place: Rafsanjan, Iran  
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**Education**

**Shiraz University of Medical Sciences**  
PhD candidate in Immunology  
Research Supervisor: Prof. Behrouz Gharesi-Fard  
2015-2019

**Isfahan University of Medical Science**  
M.Sc. in Immunology  
Research Supervisor: Dr. Nahid Eskandari  
2011-2014

**Yazd University of Medical Sciences**  
B.S. in Laboratory sciences  
2008-2010

**Rafsanjan University of Medical Sciences**  
Associate Degree in Laboratory sciences  
2005-2007

**Research  
Experiences**

M.Sc. Thesis Research (Isfahan University of Medical Science)  
Immunophenotyping of Transitional B cells and evaluation of mutations in BAFFR in patients with allergic symptoms and non-allergic common variable Immune deficiency (CVID) compared to the healthy controls (2012-2014)

Ph.D. Thesis Research (Shiraz University of Medical Sciences)  
Investigation of the frequency of type 2 innate lymphoid cells and regulatory T cells in uterine tissue of abortion-prone (AP) mice in different phases of pregnancy

## **Working Experience**

Working in hospital and pathobiology lab

## **Technical Skills**

- HLA-Typing techniques
- Flowcytometry
- ELISA
- DNA and RNA extraction
- PCR
- Agarose gel electrophoresis

## **Particular Computer Skills**

- SPSS
- PRISM
- Office
- Photoshop

## **Publications**

1- Roya Sherkat, **Mohammad Alihassanzadeh**, Nahid Eskandari, Mazdak G Hakemi, Nafiseh Esmaeil and Nahid Rezaei. "Clinical Features of Immunological Dysregulation in Common Variable Immunodeficiency in Iran". BJMMR, 7(8): 647-653, 2015; Article no.BJMMR.2015.372

2- Eskandari, Nahid, **Mohammad Alihassanzadeh**, Mazdak Ganjalikhani-Hakemi, Roya Sherkat, Hossein Khanahmad, and Yaghub Yazdani. "Evaluation of BAFF-R Mutations in Iranian Patients with Common Variable Immune Deficiency (CVID)." Development 11, no. 12: 15.

3- **M. Alihassanzadeh**, Nahid Eskandari, Mazdak G Hakemi Roya Sherkat .Investigating the frequency of the peripheral blood B and transitional B cells in the patients with common variable immunodeficiency, January 2016

4- Mansourabadi A, Razavi N, **Hassan Zadeh M**, Moogooei M. The effects of Asian Red Ginseng ethanolic extract on serum concentration of leptin hormone in male wistar rat. *Advanced Herbal Medicine*. 2015;1(3):15-20.

5- Agha Seyed Hosseini M, Mansourabadi AH, Shams A, **Hassanzadeh M**. The Role of Interleukin (IL-22) in immune response to human diseases. *International Journal of Epidemiologic Research*. 2015;2(3).

6- Agha Seyed Hosseini M, Mansourabadi AH, Shams A, Razavi N, Daryabor R, **Hasan Zadeh M**. The role of T helper 9 (Th9) against Infectious Diseases. *International Journal of Epidemiologic Research*. 2015 Nov 1;2(4):233-8.

7- Vahidian F, Mohammadi H, **Ali-Hasanzadeh M**, Derakhshani A, Mostaan M, Hemmatzadeh M, Baradaran B. MicroRNAs and breast cancer stem cells: Potential role in breast cancer therapy. *Journal of cellular physiology*. 2019 Apr;234(4):3294-306.

8- Derakhshani A, Vahidian F, **Alihasanzadeh M**, Mokhtarzadeh A, Nezhad PL, Baradaran B. Mast cells: A double-edged sword in cancer. *Immunology letters*. 2019 May 1;209:28-35.

9- Hosseini Teshnizi S, **Ali-Hassanzadeh M**, Gharesi-Fard B, Kabelitz D, Kalantar K. Influence of forkhead box protein 3 polymorphisms (rs2232365, rs3761548) with the outcome of pregnancy: A meta-analysis. *Journal of Cellular Physiology*. 2019 Sep;234(9):16573-81.

10- **Ali-Hassanzadeh M**, Hosseini MS, Ahmadi M, Zare M, Akbarzadeh-Jahromi M, Derakhshanfar A, Gharesi-Fard B. Analysis of the frequency of type 2 innate lymphoid cells and regulatory T cells in abortion-prone mice. *Immunology Letters*. 2020 Apr 1;220:1-0.

11- Hosseini MS, **Ali-Hassanzadeh M**, Nadimi E, Karbalay-Doust S, Noorafshan A, Gharesi-Fard B. Stereological study of the placental structure in abortion-prone mice model (CBA/J×DBA/2J). *Annals of Anatomy-Anatomischer Anzeiger*. 2020 Mar 12:151508.

12- Ahmadi M, Mohammadi M, **Ali-Hassanzadeh M**, Zare M, Gharesi-Fard B. MDSCs in pregnancy: Critical players for a balanced immune system at the feto-maternal interface. *Cellular immunology*. 2019 Dec 1;346:103990

13- Batebi A, Namavar-Jahromi B, **Ali-Hassanzadeh M**, Ahmadi M, Hosseini MS, Gharesi-Fard B. Evaluation of IL-17 and IL-35 serum levels in patients with preeclampsia. *Journal of Reproduction & Infertility*. 2019 Oct;20(4):237.

14- Gharesifard B, Karimi MH, Bidar L, **Ali-Hassanzadeh M**. Presence of anti-glucose regulated protein78 autoantibodies in the sera of women with recurrent pregnancy loss. *scientific journal of ilam university of medical sciences*. 2018 Sep 10;26(3):169-76.

15- Khamoushi T, Ahmadi M, **Ali-Hassanzadeh M**, Zare M, Hesampour F, Gharesi-Fard B, Amooee S. Evaluation of Transforming Growth Factor- $\beta$ 1 and Interleukin-35 Serum Levels in Patients with Placenta Accreta. *Laboratory Medicine*. 2020 Sep 14.

16- Keikha M, Eslami M, Yousefi B, **Ali-Hassanzadeh M**, Kamali A, Yousefi M, Karbalaei M. HCV genotypes and their determinative role in hepatitis C treatment. *Virusdisease*. 2020 May 4:1-6.

17- Keikha M, **Ali-Hassanzadeh M**, Karbalaei M. Association of Helicobacter pylori vacA genotypes and peptic ulcer in Iranian population: a systematic review and meta-analysis. *BMC gastroenterology*. 2020 Dec;20(1):1-1.

18- Mansouri R, **Ali-Hassanzadeh M**, Shafiei R, Savardashtaki A, Karimazar M, Anvari E, Nguewa P, Rashidi S. The use of proteomics for the identification of promising vaccine and diagnostic biomarkers in Plasmodium falciparum. Parasitology. 2020 Oct;147(12):1255-62.

19- Karbalaie M, Keikha M, Yousefi B, **Ali-Hassanzadeh M**, Eslami M. Contribution of aging oral microbiota in getting neurodegenerative diseases. Reviews in Medical Microbiology. 2021 Feb 4.

20- Rashidi S, Fernandez-Rubio C, Manzano-Román R, Mansouri R, Shafiei R, **Ali-Hassanzadeh M**, Barazesh A, Karimazar M, Hatam G, Nguewa P. Potential therapeutic targets shared between leishmaniasis and cancer. Parasitology. 2021 Feb 4:1-69.

21- Rashidi S, Mansouri R, **Ali-Hassanzadeh M**, Mojtahedi Z, Shafiei R, Savardashtaki A, Hamidzadeh N, Karimazar M, Nguewa P, Manzano-Román R. The host mTOR pathway and parasitic diseases pathogenesis. Parasitology Research. 2021 Feb 3:1-6.

## **Presentations**

**Ali-hassanzadeh M**, Sherkat R , Eskandari N , Sadri M .Clinical and immunological features of common variable immunodeficiency in Isfahan. The 12<sup>th</sup> International Congress of Immunology and Allergy. April 29 - May 2, 2014, Tehran – Iran. **(oral presentation)**

R. Sherkat , **M. Ali-hassanzadeh** , M. Ganjalikhani-Hakemi , N. Eskandari. Infections and Immune Dysregulations in Common Variable Immunodeficiency (CVID) Patients and its Relation to Their Clinical and Immunological Characteristics in Isfahan. 16<sup>th</sup> Biennial meeting of the EUROPEAN SOCIETY FOR IMMUNODEFICIENCIES. 29 October – 1 November, 2014, Prague - Czech Republic **(oral presentation)**.

**Book**

“Stem cells”. Under translation

**Research  
Interests**

Immune Reproductive System, Cancer and Vaccine