

"Curriculum Vitae "

Personal details :

First name: Mojgan

Surname: Mohammadi



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Education :

2004-2006: Post-Doctoral Fellow in primary immunodeficiency, HAE (Queen Marry University of London and the Royal London Hospital, London, UK).

2002-2004: PhD in Clinical Immunology (University of Manchester, Manchester ,UK).

2000-2001: MSc. Course in Clinical Immunology (University of Manchester ,Manchester, UK).

1998-2000: MSc. in Molecular Parasitology and vector biology (University of Manchester, Manchester, UK).

1997-1998: Diploma in English (Manchester College of Art and Technology , Manchester, UK).

1988-1992: BSc. in Microbiology (Azad University, Kerman, Iran).

Professional Qualifications :

2005: Certified State registered as Clinical Immunologist (Iranian Medical Council Membership at Professional organisation).

Membership at Professional organisation:

British Society for Immunology

British Society for Histocompatibility and Immunogenetics

British Society for Parasitology

Iranian Medical Council

Current Employment

2022-: Deputy of Education, Department of Immunology, Mashhad University of Medical Sciences, Mashhad, Iran

2021-: Professor in clinical immunology (Faculty of Medicine, Department of Immunology, Mashhad University of Medical Sciences, Mashhad ,Iran).

2016-: Educational Advisor for Medical Students (Mashhad University of Medical Sciences).

2014-: Member of Immunology Research Centre (Immunology Research Centre ,Mashhad University of Medical Sciences, Mashhad, Iran).

2014-: Member of Allergy Research Centre (Allergy Research Centre, Mashhad University of Medical Sciences, Mashhad, Iran).

2014-: Member of research committee of Immunology (Faculty of medical Sciences, Department of Immunology, Mashhad University of Medical Sciences ,Mashhad, Iran).

2012-: Associate professor in clinical immunology (Faculty of Medicine ,Department of Immunology, Mashhad University of Medical Sciences, Mashhad ,Iran).

2012: Educational Advisor for Medical students (Kerman University of Medical Sciences ,Kerman, Iran).

2009: Member of Physiology Research Centre (Physiology Research Centre ,Kerman University of Medical Sciences, Kerman, Iran).

2008: Member of Research Committee in Gastrointestinal Diseases

Previous Employment and Appointments :

2009-2013: Head of General Education (Kerman University of Medical Sciences, Kerman, Iran).

2008-2010: Head of Laboratory Sciences Department (Faculty of Allied Medical Sciences, Kerman University of Medical Sciences, Kerman, Iran).

2009: Deputy Director of Medical Education and Development centre (Kerman University of Medical Sciences, Kerman, Iran).

2009: Executive Director of Gifted and Talented Students Centre (Kerman University of Medical Sciences, Kerman, Iran).

2009: Manager of executive committee for first Scientific Olympiads of Iranian Medical students (Kerman University of Medical Sciences, Kerman, Iran).

2008-2009: Academic Member of Student Research Committee (Kerman University of Medical Sciences, Kerman, Iran).

2009: Member of Research Committee affiliated to Faculty of Allied Medical Sciences (Kerman University of Medical Sciences, Kerman, Iran) .

2009: Head of curriculum design committee in Education and Development office affiliated to Faculty of Allied Medical Sciences (Kerman University of Medical Sciences, Kerman, Iran).

2008: Superior advisor of student advisors affiliated to Faculty of Allied Medical Sciences (Kerman University of Medical Sciences, Kerman, Iran).

2008: Advisor for Medical Laboratory's Sciences students (Kerman University of Medical Sciences, Kerman, Iran).

2007: Assistant Professor in Clinical Immunology (Faculty of allied medical Sciences, Department of Immunology, Kerman University of Medical Sciences ,Kerman, Iran).

2004-2006: Post-Doctoral Fellow in primary immunodeficiency (Queen Mary University of London and the Royal London Hospital, London, UK).

1992-1997: Academic Instructor (Azad University, Kerman, Iran) .
Teaching experience

2007-2018: Teaching Clinical Immunology to Medical, Pharmacy, Dentistry ,
Medical Laboratory Sciences, Midwifery and Nursing students. Teaching of specific

Medical Immunology courses to Postgraduate students in different fields of medical
sciences, such as Senior Registrars, Ph.D. and MSc students (Kerman and Mashhad University of
Medical Sciences, Iran.

1992-1997: Teaching of experimental biochemistry to Microbiology, Midwifery
and Nursing students .

Trainee/Workshops/experience :

2005-2006: Registered as BSHI (British Society for Histocompatibility and
Immunogenetics) trainee (Clinical Transplantation Laboratory, The Royal London
Hospital, London, UK) .

Trainee (2001) I had been trained for various PCR and specially RT-PCR techniques. (The University of
Manchester, Department of Rheumatology ,Manchester, UK) .

Workshop (2004) International HAE (Hereditary Angioedema) scientific/medical Workshop, October 2004 in
Gargnano, Italy .

Workshop (2005) 4th European C1-INH Deficiency scientific/medical Workshop, April 2005 in Budapest,
Hungary .

Technical skills

A- Genetic :

DNA and RNA extraction, Primer design, Bioinformatics searches at DNA databases ,Basic statistical analysis
of genetic data (including EH (Estimated Haplotype) program ,STATA), DNA cloning, TaqMan®Real-Time
PCR, PCR-SSCP, PCR-RFLP, ARMS - PCR (SSP), semi-quantitative RT-PCR, DNA sequencing .

B- Immunology and Immunogenetics :

ELISA, Flowcytometry, Cell culture, SDS-PAGE, EITB, Western blotting, HLA (Human Leukocyte Antigen)
typing (by molecular and serology methods).

C- Biochemistry :

Electrophoresis and Spectrophotometer analysis .

D- Computer skills :

I am proficient in the following programs: Access and Excel databases, Word processing, Powerpoint, graphic and presentation software.

Publications:

1. Ariaee N, Fouladvand A, Mohammadi M, Farid-Hosseini R, Nikpoor AR, Khoshkhui M, Tavakkol-Afshari J, Jabbari-Azad F*. A modified schedule of multiple aeroallergen ultra-rush immunotherapy in perennial allergic rhinitis: safety, efficacy, and T lymphocyte cell population studies. *Allergol Immunopathol*, 2024; 52(3):65–72.
2. Mollazadeh S, Mahmoudi M, Mohammadi M, Kheder RK, Nasiri Mahallati H, Sarbaz Haghighi S, Masoumi E, Javanmardi Z, Esmaili SA*. Investigation of IL-6 serum level in COVID-19 patients with positive COVID-19 IgG/IgM antibody titers to check inflammation and disease progression. *Cytokine*, 2024; (156564).
3. Sadeghi M, Mohammadi M, Tavakol-Afshari J, Iranparast S, Ansari B, Dehnavi S*. Therapeutic potential of mesenchymal stem cell-derived exosomes for allergic airway inflammation. *Cellular Immunology*, 2024; (104813)397-398.
4. Jabbari-Azad F*, Khoshkhui M, Khalighi N, Mohammadi M, Emadzadeh M, Movahedi Aliabadi M. The impact of propolis on clinical manifestations and specific IgE levels against salsola in perennial-allergic rhinitis patients. *Qatar Medical Journal*, 2023 / SQAC / ART. 21.
5. Khayati S, Dehnavi S, Sadeghi M, Tavakol-Afshari J, Esmaili A, Mohammadi M*. The Potential Role of miRNA in Regulating Macrophage Polarization. *Heliyon*, 2023;9(e21615). doi.org/10.1016/j.heliyon.2023.e21615
6. Faridzadeh A, Yadegari Y, Bakhshaei M, Kabiri M, Mohammadi M, Khoshkhui M, Jabbari Azad F*. The role of synbiotics as adjunctive agents in the treatment of allergic rhinitis. A randomized controlled trial. *Health Science Reports*, 2023;6:e1571.
7. Dehnavi S, Sadeghi M, Tavakol-Afshari J, Mohammadi M*. Interactions of mesenchymal stromal/stem cells and immune cells following MSC-based therapeutic approaches in rheumatoid arthritis. *Cellular Immunology*, 2023;(104771) 393–394.
8. Rahimi-Khorashad M, Ghoryani M, Gowhari Shabgah A, Shariati-Sarabi Z, Tavakkol-Afshari J, Mohammadi M*. The Effects of Mesenchymal Stem Cells on the Gene Expression of TGF-beta and IFN-gamma in Patients with Rheumatoid Arthritis. *Iran J Allergy Asthma Immunol*, 2023; 22(2):183-189
9. Farzad F, Yaghoubi N, Jabbari-Azad F, Mahmoudi M, Mohammadi M*. Prognostic Value of Serum MICA Levels as a Marker of Severity in COVID-19 Patients. *Immunological Investigations*, 2022; 51:6, 1856-1866.
10. Barati M, Mirzavi F, Atabaki M, Bibak B, Mohammadi M*, Jaafari MR*. A review of PD-1/PDL1 siRNA delivery systems in immune T cells and cancer cells. *Int Immunopharmacol*, 2022; doi.org/10.1016/j.intimp.

11. Ghoryani M*, Mohammadi M, Shariati-Sarabi Zh. Immunological and clinical effects of stem cell therapy in systemic lupus erythematosus: a review of clinical trials and animal studies. *Journal of Research in Health and Medical Sciences*, 2022; 1(2): 9-15 .
12. Poursamimi J, Shariati-Sarabi Zh, Tavakkol-Afshari J, Mohammadi M*. A Significant Increase in the Gene Expression of GATA-3 Following the Treatment of Osteoarthritis Patients with Crocin. *Iran J Allergy Asthma Immunol*, 2022; 21(1):35-43.
13. Mohebbi M, Atabaki M, Tavakkol-Afshari J, Shariati-Sarabi Zh, Poursamimi J, Mohajeri SA, Mohammadi M*. Significant effect of crocin on the gene expression of microRNA-21 and microRNA-155 in patients with osteoarthritis. *Iran J Allergy Asthma Immunol*, 2022; 21(3):322331
14. Beiki S, Tavakkol-Afshari J, Shariati-Sarabi Zh, Poursamimi J, Gowhari-Shabgah A, Mohammadi M*. A Significant Reduction in the Plasma Levels and Gene Expression of CCL2 in Patients with Osteoarthritis following Intervention with Krocina™, a Herbal Medicine Made of Crocin. *Reports of Biochemistry and Molecular Biology*, 2022;11(1):10-19.
15. Atabaki M, Shariati-Sarabi Zh, Tavakol Afshari J, Taghipour A, Jaafari MR, Nikpoor AR, Mohammadi M*. Curcumin as an effective suppressor of miRNA gene expression in patients with knee osteoarthritis. *Avicenna Journal of Phytomedicine*. 2022; 12(4): 346-356.
16. Barati M, Mirzavi F, Nikpoor AR, Sankian M, Namdar Ahmadabad H, Soleimani A, Mashreghi M, Tavakol Afshar J, Mohammadi M* & Jaafari MR*. Enhanced antitumor immune response in melanoma tumor model by anti-PD-1 small interference RNA encapsulated in nanoliposomes. *Cancer Gene Therapy*. 2021; doi: 10.1038/s41417-021-00367-9.
17. Khoshkhui M, Iravani F, Jabbari-Azad F, Zare Marzouni H, Tavakkol-Afshari J, Zamani H, Davarpanah M, Hamidian Jahromi A and Mohammadi M*. Significant association between Taq1 gene polymorphism in vitamin D receptor and chronic spontaneous urticaria in the Northeast of Iran. *Clin Mol Allergy*, 2021; 19:6 <https://doi.org/10.1186/s12948-02100145>.
18. M Atabaki, Z Shariati-Sarabi, M Barati, J Tavakkol-Afshari, M Mohammadi*. MicroRNAs as the Important Regulators of T Helper 17 Cells. A Narrative Review. *Iranian Journal of Allergy, Asthma and Immunology*. 2020; 19(6):5890601,1-13
19. Houshang Rafatpanah, Zohreh Poursina1, Reza Boostani, Hadi Zare Marzouni, Mahdi Atabaki, Reza Farid Hosseini, Jalil Tavakkol-Afshari, Mojgan Mohammadi*. A Significant association between CXCL10 -1447 A>G and IL18 -607 C>A gene polymorphism with Human T-cell lymphotropic virus type 1 Associated Myelopathy/Tropical Spastic Paraparesis (HAMTSP), a casecontrol report from city of Mashhad. *Iran. J Neurovirol*. 2021; 27(2):249-259. doi:10.1007/s13365021-00946-4.
20. Alavi M, Tavakkol Afshari J, Shariati Sarabi ZH, Gowhari Shabgah A, Ghoryani M, Ghasemi A, Mohammadi M*. Intravenous injection of autologous bone marrow-derived mesenchymal stem cells on the gene expression and plasma level of CCL5 in refractory rheumatoid arthritis. *J Res Med Sci*. 2020; 25:111.
21. Atabakia M, Shariati-Sarabi Z, Barati M, Tavakkol-Afsharid J, Mohammadid M*. MicroRNAs as the Important Regulators of T Helper 17 Cells: A Narrative Review. *J Immunol Res*. 2020; 19(6):589-601.
22. Atabakia M, Shariati-Sarabi Z, Tavakkol-Afsharid J, Mohammadid M*. Significant immunomodulatory properties of curcumin in patients with osteoarthritis; a successful clinical trial in Iran. *J Immunol Res*. 2020, 28;2020:3562753.

23. Ghoryani M, Shariati-Sarabi ZH, Tavakkol Afshari J, Mohammadi M*. The sufficient immunoregulatory effect of autologous bone marrow-derived mesenchymal stem cell transplantation on regulatory T cells in patients with refractory rheumatoid arthritis. *J Immunol Res.* 2020; 2020: 3562753
24. Gowhari Shabgah A, Shariati-Sarabi Z, Tavakkol-Afshari J, Ghasemi A, Ghoryani M, Mohammadi M*. A significant decrease of BAFF, APRIL, and BAFF receptors following mesenchymal stem cell transplantation in patients with refractory rheumatoid arthritis. *Gene* 2020; 723: 144336.
25. Poursamimi J, Shariati-Sarabi Z, Tavakkol-Afshari J, Mohajeri SA, Mohammadi M*. Crocus sativus (Saffron): a potential candidate for immunoregulation of the patients suffering from inflammatory-based diseases. *Iran J Allergy Asthma Immunol.* 2020; 19(Supple.1):27-42.
26. Poursamimi J, Shariati-Sarabi Z, Tavakkol-Afshari J, Mohajeri SA, Ghoryani M, Mohammadi M*. Immunoregulatory effects of Krocina™, an herbal medicine made of crocin, on osteoarthritis patients: a successful clinical trial in Iran. Accepted and in press by *Iran J Allergy Asthma Immunol.* 2020; 19(3):253-263.
27. Moazzen N, Jabbari Azad F, Ahanchian H, Mohammadi M, Nikpoor AR, Farid R, khoshkhoy M, Salehi M. Subcutaneous Immunotherapy and Synbiotic combination Shift T-Helper 1 and Cytotoxic T Cells in Allergic Rhinitis. *Int J Pediatr* 2020; 8(1): 10731-742.
28. Soleimani R, Mohammadi M, Saghebi SA, Taghipour A, Khorsand Vakilzadeh A, TavakkolAfshari J. Comparison of Th1/Th2 and Treg/Th17 ratios between wet and dry cupping therapies in Persian medicine. *Avicenna J Phytomed*, 2020;10(1):24-34.
29. Gowhari Shabgah A, Shariati-Sarabi Z, Tavakkol-Afshari J, Ghasemi A, Ghoryani M, Mohammadi M*. A significant decrease of BAFF, APRIL, and BAFF receptors following mesenchymal stem cell transplantation in patients with refractory rheumatoid arthritis. *Gene*, 2020;732:144336.
30. Gowhari-Shabgah A, Shariati-Sarabi A, Tavakkol-Afshari J, Ghoryani M, Mohammadi M*. AntiInflammatory Effects of Mesenchymal Stem Cell Transplantation on CXCL8 Production in Patients with Refractory Rheumatoid Arthritis. *Int J Mol Cell Med* 2020; 8 (3): 2.
31. Mohammadi M*, Hayatbakhsh MM, Gozashti H, Aghadavood M. Association between Metabolic Syndrome and the Polymorphism of TNF-a-308 G>A Gene in Kerman, Iran. *Navid* No. 2019, 22 (70). 10-22.
32. Tizro M, Farid Hosseini R, Khoshkhui M, Fouladvand A, Mohammadi M, Sistani S, Jabbari Azad F. Evaluation of Sub cutaneous Rush Immunotherapy Effectiveness in Perennial Allergic Rhinitis after a Year from Treatment. *Iran J Otorhinolaryngol.* 2019;31(104):135-139.
33. Shabgah AG, Shariati-Sarabi Z, Tavakkol-Afshari J, Mohammadi M*. The role of BAFF and APRIL in rheumatoid arthritis. *J Cell Physiol.* 2019;234(10):1705017063.
34. Ghoryania M, Shariati-Sarabi Z, Tavakkol-Afsharia J, Ghasemi A, Poursamimi J, Mohammadia M*. Amelioration of clinical symptoms of patients with refractory rheumatoid arthritis following

treatment with autologous bone marrow-derived mesenchymal stem cells: A successful clinical trial in Iran. *Biomedicine & Pharmacotherapy*, 2019; (109): 1834-1840.

35. Salmani A, Mohammadi M, Farid-Hosseini R, Tavakol-Afshari J, Fouladvand A, Dehnavi S, khoshkhooi M, Jabbari Azad F. A significant increase in expression of FOXP3 & IL-17 genes in patients with allergic rhinitis underwent accelerated rush immunotherapy. *Iran J Basic Med Sci*. 2019;22(9):989-996.
36. Shapourimoghadam A, Mohammadi M, Tavakol-Afshari J, Modeghegh H*. Association between HLA-A, B and DRB1 with Buerger's disease, in city of Mashhad, north east of Iran. Accepted and under press by *Rep Biochem Mol Biol*, 2019; 8 (1): 153-160.
37. Mohammadi M, Gohari shabgah A, Pishgouyi S, Tavakol-Afshari J, Zeidabadi H, Hayatbakhsh MM*. CCL-16 might be a novel immune biomarker for diagnosis to distinguish between diarrhea and diarrhea-constipation subtypes in irritable bowel syndrome. *Rep Biochem Mol Biol*, 2019; 8(1): 9-14.
38. Zare Marzouni H, Farid-Hosseini R, Jabbari-Azad, Tavakkol-Afshari J, Tehranian F, Khoshkhui M, Nikpoor AR, Mohammadi M*. CD14 as a serum immune biomarker and genetic predisposition factor for allergic rhinitis. *Iran J Otorhinolaryngol*, 2019; 31(1): 1-9.
39. Mohammadi M, Dabiri S, Mollaei HR, Rezaee Jouzdani S, Amizadeh M, Esmailzadeh J, Baneshi MR, Mianroodi AR*. Association between IL-4 promoter gene polymorphism at C-590T and nasal polyposis. *Rep Biochem Mol Biol*, 2019; 7 (2).
40. Ariaee N, Ghorbani J, Panahi M, Mohamadi M, Asili J, Ranjbar A, Farid Hoseini R*, Jabbari F*. Oral Administration of Zataria multiflora Extract Decreases IL-17 Expression in Perennial Allergic Rhinitis. *Rep Biochem Mol Biol*, 2018; 6(2): 203-207.
41. Jalali SA, Homaei Shandiz F, Tavakol-Afshari J, Davarpanah Tanha Ghochan M, Nikpoor AR, Mohammadi M*. Status of FAS and FAS ligand gene polymorphisms in patients with breast cancer in Northeastern IRAN. *Rep Biochem Mol Biol*, 2018; 7(1): 23-29.
42. Ariaee N, Zarei S, Mohamadi* and Jabbari*. Amelioration of patients with chronic spontaneous urticaria in treatment with vitamin D supplement. *Clin Mol Allergy*, (2017) 15:22
43. Mohammadi M, Gozashti MH, Aghadavood M, Mehdizadeh MR, Hayatbakhsh MM*. Clinical Significance of Serum IL-6 and TNF- α Levels in Patients with Metabolic Syndrome. *Rep Biochem Mol Biol*, 2017; 6(1):74-79.
44. Mohammadi M, Tahmasebi-Abdar H, Mollaei HR, Hajghani H, Baneshi MR, Hayatbakhsh MM*. Serotonin Transporter Gene (SLC6A4) Polymorphism and Mucosal Serotonin Levels in Southeastern Iranian Patients with Irritable Bowel Syndrome. *Middle East J Dig Dis*, 2017; 9:2632.
45. Seyedmirzaee S, Hayatbakhsh MM, Ahmadi B, Baniasadi N, Mohammad Bagheri Rafsanjani A, Nikpoor AR, Mohammadi M*. Serum immune biomarkers in irritable bowel syndrome. *Clin Res Hepatol Gastroenterol*, 2016 ;40(5):631-637.
46. Baniasadi N, Salajegheh F, Pardakhty A, Seyedmirzaee S, Hayatbakhsh MM, Nikpoor AR , Mohammadi M*. Effects of pentoxifylline on nonalcoholic steatohepatitis: a randomized, doubleblind, placebo-controlled trial in Iran. *Hepat Mon*, 2015; 15(11):e32418 .

47. Mohammadi M, Zahedi MJ, Nikpoor AR, Nazem M, Khazaeli P, Hayatbakhsh MM. Determination of Vitamin D Serum Levels and Status of the C3435T Polymorphism of Multidrug Resistance 1 Gene in Southeastern Iranian Patients with Ulcerative Colitis. *East J Dig Dis*, 2015; 7:245-52.
48. Mohammadi M, Rastin M, Rafatpanah H, Abdoli Sereshki H, Zahedi MJ, Nikpoor AR, Baneshi MR, Hayatbakhsh MM. Association of HLA-DRB1 with ulcerative colitis in the population of Kerman, southeast Iran; protective effect of HLA-DRB1*04 allele on the disease. *Iran J Allergy Asthma Immunol*. 2015 ;14(3):306-12.
49. Soukhtanloo M, Talebian E, Golchin M, Mohammadi M, Amirheidari B. Production and Characterization of Monoclonal Antibodies against Aflatoxin B1. *J Immunoassay Immunochem*. 2014; 35(4):335-43.
50. Kaviani M, Ezzatabadipour M, Nematollahi SN, Salehinejad P, Mohammadi M, Kalantar SM, Motamedi B. Evaluation of gametogenic potential of vitrified human umbilical cord Wharton's jelly-derived mesenchymal cells. *Cytotherapy*, 2014; 16 : 203e212.
51. Ezzatabadipour M, Kaviani M, Salehinejad P, Mohammadi M, Nematollahi-Mahani SN. Verification of human umbilical cord wharton's jelly-derived mesenchymal stem cells. *CryoLetters*. 2013; 34 (5): 471-480.
52. Mohammadi M, Zahedi MJ, Nikpoor AR, Baneshi MR, Hayatbakhsh MM. Interleukin-17 serum levels and TLR-4 polymorphisms in Ulcerative Colitis. *Iranian Journal of Immunology*. 2013; 10(2):83-92 .
53. Hayatbakhsh MM, Zahedi MJ, Shafiepour M, Nikpoor AR, Mohammadi M*. IL-23 Receptor Gene rs7517847 and rs1004819 SNPs in Ulcerative Colitis. *Iranian Journal of Immunology*. 2012; 9 (2): 128-135 .
47. Mohammadi M*, Hayatbakhsh MM, Zahedi MJ, Jalalpour MR, Pakgohar A. Serum Interleukin23 Levels in Patients with Ulcerative Colitis. *Iranian Journal of Immunology*. 2011; 8 (3): 183-188 .
48. Mohammadi M*, Day PJ. The influence of immunosuppressive drugs on vascular endothelial growth factor production in relation to VEGF -1154G and -2578 C genotypes. *Iranian journal of Immunology*. 2010; 6 (4): 217-225.
49. Mohammadi M*, Bazrafshani MR, Day PJ, Ollier WER. Vascular endothelial growth factor production is regulated by gene polymorphisms. *Iranian Journal of Immunology*. 2009; 6 (3): 119-129.
50. Tarzi MD*, Hickey M, Förster T, Mohammadi M and Longhurst HJ. An evaluation of tests used for the diagnosis and monitoring of C1 inhibitor deficiency: normal serum C4 does not exclude hereditary angio-oedema. *Clinical and Experimental Immunology*. 2007; 149 (3): 513-6.
51. Mohammadi M, Day PJ*. Oligonucleotides used as template calibrators for general application in quantitative polymerase chain reaction. *Anal Biochem*. 2004; 335 (2): 299-304.

English Published Abstracts (Conferences presentations) :

1. H Zare Marzoni , M Mohammadi* , F Jabbari Azad, R Farid Hosseini, M Khoshkhai, J Tavakolafshari Positive association between C-159T functional gene polymorphism and allergic rhinitis.. Positive association between C-159T functional gene polymorphism and allergic rhinitis. The 3 rd International Congress of Immunology, Asthma and Allergy. Tehran, Iran, February 2017.
2. M Mohammadi*, H Zare Marzouni, F Jabbari Azad, R Farid Hosseini, M Khoshkhai, J Tavakolafshari. High serum levels of CD14 in patients with Allergic Rhinitis. High serum levels of CD14 in patients with Allergic Rhinitis. The 3 rd International Congress of Immunology, Asthma and Allergy. Tehran, Iran , February 2017.
3. M Mohammadi * , H Zare Marzoni, R Farid Hosseini, F Jabbari Azad, M Khshkhui, J Tavakolafshari J.Lack of association between the most common allergens and different genotypes of C-153T polymorphism in CD14 gene in patients with allergic rhinitis 3th International Congress of Immunology, Asthma and Allergy (& First Food Allergy Symposium). Mashhad, Iran, May 2016 .
4. SJ Ghorbani, F Jabbari Azad, M Mohammadi, R Farid Hosseini, A Bahrami, M Panahi. Efficacy Of Extract zataria multiflora on expression of T regreatory and TH γ genes clinical sign and in Prennial Allergic Rhinitis. 3th International Congress of Immunology, Asthma and Allergy (& First Food Allergy Symposium) . Mashhad, Iran, May 2016.
5. M Mohammadi*, AA Mianroodi, S Dabiri, HR Mollaei, S Rezaee Jouzdani, M Amizadeh, J Esmilzadeh, MR Baneshi. Frequency of the functional polymorphism, C-590T, in the promoter region of interleukin 4 gene in Iranian patients with nasal polyps. Oral Presentation. 3th International Congress of Immunology, Asthma and Allergy (& First Food Allergy Symposium). Mashhad , Iran, May 2016.
6. M Mohammadi*, N Baniasadi, F Salajegheh, S Seyedmirzaee, MM Hayatbakhsh , A Pardakhty, AR Nikpoor.Effect of pentoxifylline on the serum level of interlukin-6 in patients with non-acoholic steato-hepatitis. 3th International Congress of Immunology, Asthma and Allergy (& First Food Allergy Symposium). Mashhad, Iran, May 2016.
7. M Mohammadi*, S Seyedmirzaee, MM Hayatbakhsh, B Ahmadi, N Baniasadi, A Mohammad Bagheri Rafsanjani, AR Nikpoor. Interleukin 8 as a valuable biomarker for diagnosis of irritable bowel syndrome3 th International Congress of Immunology & Allergy of Iran. Tehran, Iran, April 2016 .
8. M Mohammadi*, M Davarpanah Tanha Ghochan, F Homaei shandiz, A Jalali, J Tavakolafshari, AR Nikpoor. The lack of association between -611 A>G polymorphism in fatty acid synthase gene and risk of breast cancer. 13 th International Congress of Immunology & Allergy of Iran. Tehran, Iran, April 2016.
9. M Davarpanah Tanha Ghochan, M Mohammadi*, A Jalali, J Tavakolafshari, F Homaei shandiz , AR Nikpoor AR.Strong linkage disequilibrium between -670 A>G and -1377 G>A polymorphisms in FAS gene in patients with breast cancer and controls. Oral Presentation. 1 st International Nastaran Cancer Symposium . Mashhad, Iran, November 2015.

10. MM Hayatbakhsh MM, M Mohammadi *, HR Mollaei, MR Baneshi MR, H Tahmasby. Status of rectal serotonin level in IBS patients. 44 th Annual meeting of the German Society for Immunology. Bonn, Germany, September 2014.
11. M Mohammadi*, J Tavakolafshari, A Jalali, M Davarpanah Tanha Ghochan, F Homaei Shandiz, MR Baneshi. Lack of association between FAS -1377 G>A gene polymorphism and metastasis of breast cancer in Iran. 44th Annual Meeting of the German Society for Immunology. Bonn, Germany. September 2014.
12. M Mohammadi*, Parvaresh s, Maftouhi M, Nikpoor AR. Vitamin D receptor TaqI polymorphism in children with urolithiasis in Kerman. 12 th International congress of immunology and allergy of Iran. Tehran, Iran, May 2014.
13. AR Nikpoor, M Mohammadi*, MM Hayatbakhsh, MJ Zahedi. Thr399Ile polymorphism in Toll like receptor 4 gene may be a predictive factor for severity of ulcerative colitis. 12 th International congress of immunology and allergy of Iran. Tehran, Iran, May 2014.
14. M Mohammadi*, H Abdoli Sereshki, AM Nikpoor, MM Hayatbakhsh, MJ Zahedi, H Rafatpanah, M Rastin, MR Baneshi. To investigate the linkage disequilibrium between HLA-DRB1 and TLR4 gene polymorphisms in the development of ulcerative colitis. 12 th International congress of immunology and allergy of Iran . Tehran, Iran, May 2014.
15. M Mohammadi*, MM Hayatbakhsh. Association between HLA-DRB1* 13 and severity of disease in ulcerative colitis patients in Kerman. Iranian congress of gastroenterology and hematology. Tehran, Iran, December 2013.
16. M Mohammadi*, MM Hayatbaksh MM, H Abdoli Sereshki, MJ Zahedi, AR Nikpoor, H Rafatpanah, M Rastin, MR Baneshi. Protective role of HLADRB1 * 04 allele against ulcerative colitis in Iran. 15 th International congress of immunology . Milan, Italy, August 2013.
17. H Abdoli Sereshki, M Mohammadi*, MM Hayatbakhsh, MJ Zahedi, H Rafatpanah, M Rastin, MR Baneshi, AR Nikpoor. Investigating of correlation between HLA-DRB1 gene polymorphism and blood factors including, ESR, PLK , CRP in ulcerative colitis patients. The 5 th International Congress of Laboratory and Clinic blood disorders. Tehran, Iran, February 2012.
18. M Mohammadi*, MM Hayatbakhsh, H Abdoli Sereshki, MJ Zahedi, H Rafatpanah, M Rastin, MR Baneshi, AR Nikpoor. Frequency of HLA-DRB1 gene polymorphisms in Kerman, south east Iran. The second international congress of immunology, asthma and allergy. Tehran, Iran, February 2013.
19. M Mohammadi*, MM Hayatbakhsh, H Abdoli Sereshki, MJ Zahedi, H Rafatpanah, M Rastin, MR Baneshi, AR Nikpoor. Association between HLA - DRB1 * 13 and severity of disease in ulcerative colitis patients in Kerman. 13 th Iranian Congress of Gastroenterology and Hepatology. Tehran, Iran. November 2013.
20. Mohammadi*, AR Nikpoor, MM Hayatbakhsh, MJ Zahedi . Influence of interleukin-17 on hemoglobin levels in patients with ulcerative colitis. 11 th International congress of immunology and allergy of Iran. Tehran, Iran, April 2012.

21. M Mohammadi*, MM Hayatbakhsh, M Shafiepour, MJ Zahedi, AR Nikpoor. IL23 receptor genotype status and IL-23 serum levels in ulcerative colitis patients in Iran. POSTER DISSCUSSION. 11 th International congress of immunology and allergy of Iran. Tehran, Iran, April 2012.
22. M Mohammadi*, P Khazaeli, MM Hayatbakhsh, MJ Zahedi, M Nazem, AR Nikpoor. Vitamin D status and ulcerative colitis patients in Kerman, Iran. 11 th International congress of immunology and allergy of Iran. Tehran, Iran, April 2012.
23. M Mohammadi*, PJR Day. Suppressive effect of cyclosporine A on vascular endothelial growth factor (VEGF) isoforms. ORAL PRESENTATION. 11 th International congress of immunology and allergy of Iran. Tehran, Iran, April 2012.
24. A Faghihi-Zarandi, S Pourabdian, MR Baneshi, M Mohammadi*, P Kadivar. To investigate humoral immune response among stainless steel welders. 11 th International congress of immunology and allergy of Iran. Tehran, Iran, April 2012.
25. AR Nikpoor, M Mohammadi*, MM Hayatbakhsh, MJ Zahedi, MR Baneshi . Relationship between IL-17 levels and ulcerative colitis. 11 th International congress of immunology and allergy of Iran. Tehran, Iran, April 2012.
26. AR Nikpoor, M Mohammadi*, A Khosravi Mashizi, AH Khoshi. Performance Evaluation of Salting out DNA extraction method, on blood samples with different storage conditions. 11 th International congress of immunology and allergy of Iran . Tehran, Iran, April 2012.
27. AR Nikpoor, M Mohammadi*, MM Hayatbakhsh, MJ Zahedi. Strong linkage disequilibrium between Asp299Gly A>G and Thr399Ile C>T polymorphisms in toll like receptor-4 gene. POSTER DISSCUSSION. 11 th International congress of immunology and allergy of Iran. Tehran, Iran, April 2012.
28. AR Nikpoor, M Mohammadi*, MM Hayatbakhsh, MJ Zahedi. Strong linkage disequilibrium between Asp299Gly A>G and Thr399Ile C>T polymorphisms in toll like receptor-4 gene. POSTER DISSCUSSION. 11 th International congress of immunology and allergy of Iran. Tehran, Iran, April 2012.
29. E Talebian, B Amir-Heidari*, M Mohammadi, M Golchin. Production of monoclonal antibody against aflatoxin B1 in mice. 16 th Iranian Pharmacy Students Seminar. Tehran, Iran, October 2011.
30. M Mohammadi*, MM Hayatbakhsh, MJ Zahedi, S Darvishmoghadam, MR Jalalpour. Serum level of intrleukin-23 in ulcerative colitis: A novel marker for disease activity. Iranian congress of gastroenterology and hepatology-ICGH , Tehran, Iran, November 2010.
31. M Mohammadi*, PJ. Day. Studying of the effects of cyclosporine A on the VEGF isoforms expression revealed by TaqMan real-time RT-PCR. 9 th international conference on immunosuppression and immunotherapy, Geneva, Switzerland , February 2010.
32. M Mohammadi, H Longhurst*, P Sinnott. C1 inhibitory gene analysis for patients with Hereditary Angioedema in the United Kingdom. ORAL PRESENTATION) .European Federation for Immunogenetics (EFI) 20 th annual conference, Oslo , Norway, June 2006. Tissue Antigens, 2006. 67 (6): O38; 456).

33. M Mohammadi, H Longhurst*, P Sinnott. A novel mutation in the C1 inhibitor gene of a non-caucasoid family with Hereditary Angioedema.. (British Society for Histocompatibility and immunogenetics (BSHI) 17 th annual meeting, Sheffield , UK, September 2005. International Journal of Immunogenetics, 2005).
34. M Mohammadi, WER Ollier and IV Hutchinson*. Investigation on correlation of genotype combinations of VEGF –1154 G/A and –2578 C/A with suppression of VEGF production in the individuals after treatment with immunosuppressive drugs. (British society for Human Genetics (BSHG) annual conference, York, UK ,September 2005. Journal of Medical Genetics, 2005. 42: S93).
35. M Mohammadi, WER Ollier and IV Hutchinson*. Investigation on the influence of cytokines and immunosuppressive drugs on VEGF production in the individuals with combinations of VEGF –1154 G/A and –2578 C/A genotype. ORAL PRESENTATION. (British Society for Histocompatibility and immunogenetics (BSHI) 16 th annual meeting, Plymouth, UK, September 2005. International Journal of Immunogenetics, 2005. 32 (4): 263).
36. M. Mohammadi, PJ Day, WER Ollier, S Data, N Yonan and IV Hutchinson*. Investigation on VEGF splices variants in PBMCs and hearth transplants by semi quantitative RT-PCR and Taqman real time PCR. ORAL PRESENTATION. British Society for Histocompatibility and immunogenetics (BSHI) 16 th annual meeting, Plymouth, UK, September 2005. International Journal of Immunogenetics, 2005.32 (4): 26.
37. M Mohammadi, WER Ollier and IV Hutchinson*. A functional association study of VEGF gene promoter polymorphisms with suppressive effect of Cyclosporin A and Mycophenolic Acid on VEGF expression in stimulated PBMCs by LPS. (The British Transplantation Society (BTS) congress, Birmingham, UK. April 2004).
38. M Mohammadi, WER Ollier and IV Hutchinson*. The relation between cytokine and VEGF polymorphisms in acute transplant rejection. (British Society for Immunology (BSI) congress, Harrogate, UK. December 2003. Immunology, 2003 . 110: 86).
39. M Mohammadi, WER Ollier and IV Hutchinson*. A functional association study of VEGF gene promoter polymorphisms with VEGF expression by stimulated pbm cells. (American society for Histocompatibility and immunogenetics (ASHI) 19(th annual meeting, Miami, USA, October 2003. Human Immunology, 2003. 64 :125).
40. M Mohammadi, PS Craig*. A novel protein identification in equine hydatidosis cyst fluid by western blot technique analysis. (British Society for Parasitology , annual meeting, Manchester, UK, April 2003).

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