CV:

Education

Bachelor of Science, Biology, Razi University, Kermanshah, Iran 1998-2002

Master of Science, Immunology, Tehran University of Medical Sciences, Tehran, Iran 2005-2007.

Ph.D., Immunology, Tehran University of Medical Sciences (TUMS), Tehran, Iran 2007-2012.

Training courses
1. Flowcytometry workshop; Department of Immunology; Health faculty; 2005
2. EndNote workshop; research deputy of TUMS; 2007
3. Scientific writing workshop; Asthma, Allergy and Immunology Research Center, 2010
4. Grant writing workshop, Tehran University of Medical Sciences (TUMS), 2018

Professional Experiences
1. Working in serology, urine analysis, hematology and biochemistry sections in a medical diagnostic laboratory, 3 years (2002-2005)
2. Working in Biochemistry sections in a medical diagnostic laboratory, 1 year, (2005 - 2006)
3. Founding of Rheumatology Research Center lab (RRC Lab). (2010-2011)
4. Principle Investigator and founder of Rheumatology Research Center Lab. (2011 until Now)
5. Faculty member of Rheumatology Research Center (RRC), Tehran University of Medical Sciences. (2012 until Now)
6. Deputy director of international affairs of Rheumatology Research Center
7. Vice president of Rheumatology Research Center (RRC), Tehran University of Medical Sciences (TUMS), (2016 until Now)
8. Iranian Journal of Asthma, Immunology and Allergy, Reviewer
9. Avicenna journal of biotechnology Reviewer
10. Editorial manager of Rheumatology Research journal, (2015 until Now)
11. Editorial Board of Austin Rheumatology journal
12. Editorial Board of Clinical Rheumatology discipline
13. Immunological Investigations, Reviewer
14. Autoimmunity, Reviewer
15. Biochemistry and Biophysics Reports, Reviewer
16. Iranian Journal of Medical Sciences, Reviewer
17. Rheumatology Research journal, Reviewer
18. Lupus journal, Reviewer
19. Editorial Board of Journal of Rheumatology and Arthritis
20. Editorial Board of Jacobs Journal of Spine
21. Founder of Iranian Rheumatic Diseases Registry (rheumatry.com)
22. Research deputy of Rheumatology Research Center (RRC) (2015 until Now)
23. Professor of Immunology (August 2021)

Teaching experiences
1. **Immunology laboratory**: Medical students, Tehran University of Medical Sciences, 2009-2011
2. **Immunology**: laboratory science students, Qom University of Medical Sciences, 2012
3. **Molecular basis of autoimmune diseases**: Ph.D. of immunology students, Immunobiology department, Tehran University of Medical Sciences, 2013-2016
4. **Immunopathogenesis of autoimmune rheumatic diseases**: Ph.D. of Molecular Medicine students, 2016-2019
5. **Immunology**: Ph.D. of Tissue Engineering & Applied cell Sciences, 2016
6. **Immunopathogenesis of autoimmune rheumatic diseases**: Ph.D. of genetics, Faculty of Medicine, Tarbiat Modares University, 2019
7. **Immunology,** Rheumatology fellowships, Tehran University of Medical Sciences, 2018-2019

Honors/Awards
1. Rank three of immunology MSc entrance exam in Iran, 2005
2. Top student of MSc graduation, 2007
3. Winner of special scientific award of Iran's national elites foundation, 2009
4. Member of Iran's national elites foundation
5. Winner of JCR 2014 International Workshop Travel Award
6. Winner of APLAR 2015, AbbVie Best Abstract Award
7. Winner of JCR 2016 International Workshop Travel Award
8. High rank selected researcher of Tehran University of Medical Sciences (TUMS)
9. Young scientific researcher Grant of Iran's national elites foundation, 2012
10. National Institute for Medical Research Development (NIMAD) elite Grant
11. Grant for publishing more than 8 ISI article in one year, Tehran University of Medical Sciences

Student Supervision
More than 65 PhD, MSc, and rheumatology fellowship students have been graduated under my supervision in RRC Lab and more than 170 articles have been published and accepted from their dissertations and other our projects from 2012.

Projects Principal investigator and co-investigator

1. Assessment of frequency of HLA-B27 subtypes in Iranian HLA-B27 positive ankylosing spondylitis patients. Tehran University of medical science. (2006- 2007. Co-Worker)
2. Evaluation of Mannose-Binding Lectin (M.B.L) gene polymorphism in patients with CVID and normal control. Tehran University of medical science. (2006-2007. Co-Worker)
3. Analysis genes polymorphism of inflammatory and anti-inflammatory in patients with Ankylosing Spondylitis. Tehran University of medical science. (2006-2007. Co-Worker)
4. Association of IL-23R SNPs with Crohn's Disease. Tehran University of medical science. (2011. Co-Worker)

5. Assessment of (CTLA-4) gene variation in Iranian patients with Ankylosing Spondylitis and compare with control group. Tehran University of medical science. (2007-2009. Co-Worker)

6. Assessment of PD-1 gene variation in Iranian patients with Ankylosing Spondylitis and compare with control group. Tehran University of medical science. (2007-2009. Co-Worker)

7. Assesment of the role of Endoplasmic Reticulum Aminopeptidase-1 (ERAP-1) in immunopathogenesis of Ankylosing Spondylitis. Tehran University of medical science. (Principle Investigator)

8. Analysis of KIR gene in Iranian patients with Ankylosing Spondylitis. Tehran University of medical science. (Principle Investigator)

9. Study of active vitamin A metabolite effect on T helper subtypes in patients with Ankylosing Spondylitis and compare it with healthy control group. Tehran University of medical science. (Co-Worker)

10. Study on relationship of HLAB27 and subtypes of HLAB27 with severity of disease in patients with Ankylosing spondylitis. (Principle Investigator)

11. Determination of PADI-4 Polymorphisms in patients with rheumatoid arthritis. Tehran University of medical science. (Principle Investigator)

12. Determination of IL-1 cluster and TNF-α gene variation in Iranian patients with Systemic Lupus Erythematosus. Tehran University of medical science. (Principle Investigator)

13. Determination of ETS1, WDFY4, and STAT4 gene variation with Systemic Lupus Erythematosus. Tehran University of medical science. (Principle Investigator)

14. Evaluation the effects of herbal extracted ANGIPARSTM on fibrosis in skin fibroblast from systemic sclerosis patients. Tehran University of medical science. (Principle Investigator)

15. Determination of IL-4, IL-4R, IL-10 cluster gene variation in Iranian patients with Systemic Sclerosis. Tehran University of medical science. (Principle Investigator)

16. Evaluation of apoptosis and fibrosis in c-Abl inhibited systemic sclerosis dermal fibroblast by siRNA. Tehran University of medical science. (Principle Investigator)

17. Investigation of microRNAs signature in dermal fibroblasts associated with pathogenesis (with impact on pro-and anti-fibrotic, apoptotic and cell survival genes) of systemic sclerosis. (Principle Investigator)

18. Assessment of Genetic diversity of CTLA-4 in Kidney Transplant Recipients and its relationship with acute graft rejection. (Principle Investigator)

19. RAC1 Single Nucleotide Polymorphisms in patients with Inflammatory Bowel Disease. Tehran University of medical science. (Co-Worker)

20. Interleukin-23 Receptor Single Nucleotide Polymorphisms in patients with Ulcerative Colitis. Tehran University of medical science. (Co-Worker)

21. Association of PD-1 gene variation in Iranian patients with Multiple Sclerosis. Tehran University of medical science. (Co-Worker)

22. RAC1 Single Nucleotide Polymorphisms in patients with Inflammatory Bowel Disease. Tehran University of medical science. (2010. Co-Worker)
23. Evaluation of the effects of β-D-Mannuronic acid on disease severity and inflammatory markers in patients with ankylosing spondylitis. Tehran University of medical science. (In process. Co-Worker)
24. Evaluation of β-D-Mannuronic acid effects on TLR2 and TLR4 expression and their downstream signaling pathway in Ankylosing Spondylitis under invitro and invivo conditions. (Co-Worker)
25. Evaluation of CARD9 (rs4077515), SNAPC4 (rs3812571), IL1R2 (rs2310173) and ANTXR2 (rs4333130) gene polymorphism in Iranian patients with Ankylosing Spondylitis. Tehran University of medical science. (Principle Investigator)
26. Association study of a Single Nucleotide Polymorphism (rs340630) and expression of AFF1 with Systemic Lupus Erythematosus (SLE) susceptibility. (Principle Investigator)
27. Investigation the Genetic Association Between ARST1 and Behcet's Disease in Compare with Healthy Controls. Tehran University of medical science. (Principle Investigator)
28. Determination of polymorphisms of STAT4 (rs7574865, rs7601754) in Iranian patients with Rheumatoid Arthritis. Tehran University of medical science. (Principle Investigator)
29. Assessment of the association between alleles and genotypes of vascular endothelial growth factor (VEGF) gene and rheumatoid arthritis. Tehran University of medical science. (Principle Investigator)
30. The effect of ginger consumption on some immunity and inflammatory mediators in adult with active rheumatoid arthritis. (Co-Worker)
31. The effect of Ginger consumption on the disease activity, some inflammation factors, blood pressure and Percent body fat in adult with active rheumatoid arthritis. (Co-Worker)
32. Determination of IL23R gene Polymorphisms with ankylosing spondylitis in Iranian population. (Principle Investigator)
33. Analysis of ERAP-1 and ERAP-2 gene variation in patients with preeclampsia. (Principle Investigator)
34. Determination of Toll Like Receptor (TLR) 4 and 5 gene expression in PBMCs of ankylosing spondylitis patients and compare it with systemic sclerosis, rheumatoid arthritis and healthy control group. (Principle Investigator)
35. Analysis of Killer Immunoglobulin-like Receptor (KIR) genes and KIR HLA Ligand in Iranian patients with Lupus. Tehran University of medical science. (Principle Investigator)
36. Analysis of Killer Immunoglobulin-like Receptor (KIR) genes and KIR HLA Ligand in Iranian patients with rheumatoid arthritis. Tehran University of medical science. (Principle Investigator)
37. Analysis of Killer Immunoglobulin-like Receptor (KIR) genes and KIR HLA Ligand in patients with systemic sclerosis. (Principle Investigator)

38. Determination of allelic frequency of Killer Immunoglobulin-like Receptor (KIR) genes and KIR HLA Ligand in patients with Behcet's Disease and control group. (Principle Investigator)

39. Evaluation of rs13202464, rs4349859 and rs116488202 for HLA-B27 Screening in Iranian Patients with Ankylosing Spondylitis and Normal Population. (Principle Investigator)

40. Identifying the Association of PDCD-1 Gene Polymorphisms in Iranian Juvenile Rheumatoid Arthritis and Neonatal Systemic Lupus Erythematosus. Tehran University of medical science. (Principle Investigator)

41. Investigation the Genetic Association between NOD-Like Receptor Protein 3 (NLRP3) and Behcet's Disease in Compare with Healthy Controls. (Principle Investigator)

42. Assessment of the association between 5httlpr polymorphism with depression in patients with systemic lupus erythematosus (SLE). (Principle Investigator)

43. Evaluation of expression of AQP3 and evaluation of Epidermal Growth Factor (EGF), EGFR and ERK/PI3K signal transduction proteins pathway in Systemic Sclerosis Dermal Fibroblast. Tehran University of medical science. (Principle Investigator)

44. Investigation of causative genes in familial AS disease. (Principle Investigator)

45. Determination of Association of Methyl-CpG-binding protein 2 (MECP2) Gene Variation in Iranian Patients with Systemic Lupus Erythmatosisand its relation with clinical features. (Principle Investigator)

46. Evaluation of ETS1 (rs1128334), ETS1 (rs10893872) Gene Polymorphism and association with activity, severity and radiographic changes in Iranian Patient with spondylitis ankylosing. (Principle Investigator)

47. Determination of association of CCR6 (rs1854853) gene polymorphism in iranian patient with rheumatoid disease. (Principle Investigator)

48. Evaluation of the Association of rs1800795 and rs1800797 SNPs in IL-6 Gene with Susceptibility to Systemic Sclerosis. (Principle Investigator)

49. Study of Methylation of DKK1 gene in patient with ankylosing spondylitis and its relationship with syndesmophyte. (Principle Investigator)

50. The investigation of serum Adropin levels of patients with Rheumatoid Arthritis compared with the control group. (Principle Investigator)

51. Determination of expression of IL-10, IL-4, TGF-β genes in ankylosing spondylitis patients. (Co-Worker)

52. Expression of TNF-α, IFN-γ, IL-1β, IL-6, IL-23 and IL-17 genes in Iranian patients with Ankylosing spondylitis. (Principle Investigator)

53. AQP expression profiling proteins in skin fibroblasts of patients with systemic sclerosis. (Principle Investigator)

54. Evolution of microRNAs affecting on survivin gene expression in dermal fibroblast of patients with scleroderma. (Principle Investigator)

55. Evaluating the expression profile of anti-apoptotic genes in systemic sclerosis cutaneous fibroblasts. (Principle Investigator)

56. Comparison of the expression profile of pro-apoptotic genes in systemic sclerosis dermal fibroblasts with normal controls. (Principle Investigator)
57. Evaluation of the BCL11B gene methylation and its effect on gene expression in patients with ankylosing spondylitis. (Principle Investigator)
58. Evaluation of the DNMT1 Gene Methylation and Its Effect on Gene Expression in Patients with Ankylosing Spondylitis. (Principle Investigator)
59. Evaluation of (rs72928038) BACH2, (rs911263) RAD51B, (rs12617656) DPP4, (rs12379034) CDK5RAP2 Gene Polymorphism in Iranian Patient with Rheumatoid Arthritis. (Principle Investigator)
60. Regulation pathways of IL-23 production in peripheral blood mononuclear cell-derived macrophages in spondylitis ankylosing patients. Tehran University of medical science. (Principle Investigator)
61. Evaluating the effect of aryl hydrocarbon receptor activation on involved T helper cell subsets in Ankylosing Spondylitis patients compared to blood samples of healthy controls. (Principle Investigator)
62. Evaluation of the ROCK1 Gene Polymorphisms, rs73963110, rs112130712, rs111874856, rs112108028, in Iranian Patients with Behcet's Disease and their correlations with vessel involvement. (Principle Investigator)
63. Histone acetyltransferases expression in peripheral blood mononuclear cells from patients with rheumatoid arthritis. (Principle Investigator)
64. The role of histone variants in the initiation and progression of Rheumatoid Arthritis. (Principle Investigator)
65. Histone deacetylases expression in Peripheral Blood Mononuclear Cells (PBMCs) of Rheumatoid Arthritis patients. (Principle Investigator)
66. Determination the Effect of Tetracholorodibenzo-P-Dioxin (TCDD) and Curcumin by Aryl Hydrocarbon Receptor (Ahr) on Peripheral Blood Derivative Macrophages and Inflammatory Cytokines Secretion in Behcet's Disease. (Principle Investigator)
67. Evaluation of expression of CD39 and CD73 enzymes in peripheral blood Treg cells of ankylosing spondylitis patients. (Principle Investigator)
68. Evaluation of the mRNA Expression Level of Drosha, Dicer, DGCR8 in Peripheral Blood Mononuclear Cells of Patients with Rheumatoid Arthritis. (Principle Investigator)
69. Study of (4-benzoyl) benzoyl adenosine 5-triphosphate (BzATP) effect on production of proinflammatory cytokines in peripheral blood mononuclear cell-derived macrophages of ankylosing spondylitis patients. (Principle Investigator)
70. Identifying the Association of STAT4 Gene Polymorphisms in Iranian Juvenile Rheumatoid Arthritis and Neonatal Systemic Lupus Erythematosus. (Principle Investigator)
71. Identifying the Association of MECP2 Gene Polymorphisms in Iranian Juvenile Rheumatoid Arthritis and Neonatal Systemic Lupus Erythematosus. (Principle Investigator)

72. Analysis of Copy number variation and expression of FCGR3B gene, in Iranian patients with systemic lupus erythematosus. (Principle Investigator)
73. The effect of ginger consumption on NFκB, FOXP3, GATA3, T-bet, RORγt, and pparγ in adult with active rheumatoid arthritis. (Principle Investigator)
74. Determination of CD247, CD226 gen polymorphisms with systemic sclerosis in Iranian population. (Principle Investigator)
75. Evaluation of the mRNA Expression Level of Drosha, Dicer, DGCR8 in Peripheral Blood Mononuclear Cells from Patients with Ankylosing Spondylitis. (Principle Investigator)
76. Analysis of BMP8a gene copy number variations and its expression level in Iranian patients with Ankylosing Spondylitis. (Principle Investigator)
77. Role of miR-211 changes in ER stress-induced apoptosis of Fibroblast-like Synoviocytes (FLS) in Rheumatoid Arthritis and Osteoarthritis patients compared to Trauma patients. (Principle Investigator)
78. Evaluation of TYK2 (rs34536443) gene polymorphism in Iranian patients with systemic lupus erythematosus. (Principle Investigator)
79. Association Study between KIR Polymorphisms and Ankylosing Spondylitis disease: An updated Systematic Review and Meta-Analysis. (Principle Investigator)
80. Predicting the potential ankylosing spondylitis related genes utilizing bioinformatics approaches. (Principle Investigator)
81. Investigation of effective miRNAs on Survivin (BIRC5) gene expression and assessment of Survivin mRNA gene variants' expression in Peripheral blood mononuclear cells (PBMC) in Systemic Sclerosis. (Principle Investigator)
82. Study of Adenosine receptor A2 (A2AR) activation effect on production of pro-inflammatory cytokines in peripheral blood mononuclear cell-derived macrophages of ankylosing spondylitis patients. (Principle Investigator)
83. Analysis of regulatory T-cells' frequency in patients with inflammatory bowel disease (IBD): a systematic review and meta-analysis. (Co-Investigator)
84. Evaluation of the inhibition of fibroblast activation protien (FAP) effect in the presence of TGF-β on the expression of fibrosis mediators and inflammation in fibroblasts of systemic sclerosis patients. (Co-Investigator)
85. Isolation and immortalization of human podocytes from kidney glomeruli of a patinet with lupus nephritis. (Co-Investigator)
86. Analysis of complement gene polymorphisms in patients with systemic lupus erythematosus (SLE): a systematic review and meta-analysis. (Co-Investigator)
87. Analysis of KIR gene polymorphisms in patients with Systemic Sclerosis: a systematic review and meta-analysis. (Co-Investigator)
88. Evaluation of the effect of blood plasma from systemic lupus erythematosus patients on the gene expression of aquaporin and inflammatory factors, as well as study of aquaporin inhibition effects on inflammatory gene expression of B lymphocytes. (Co-Investigator)

89. Study of the adenosine receptor A2A (A2AAR) activation effect on MMP, SOST, BMP genes expression in monocyte-derived macrophages of ankylosing spondylitis patients. (Principle Investigator)
90. Recording clinical information and treatment may turn into ANCA-related vasculitis. (Co-Investigator)
91. Evaluation of Salirasib effect in the presence of patients serum on expression of fibrosis mediators in fibroblasts of systemic sclerosis patients. (Co-Investigator)
92. Evaluation of IFNγ and Dexamethasone, on the IRF-1 signaling and fibrosis in systemic sclerosis skin fibroblasts. (Co-Investigator)
93. Evaluating the efficacy and safety of Adalimumab and Etanercept in patients with severe COVID-19. (Co-Investigator)
94. The effect of probiotic cheese consumption on inflammatory and anti-inflammatory factors, severity and symptoms in patients with rheumatoid arthritis. (Co-Investigator)
95. Registration of clinical and therapeutic information of patients with monogenic and polygenic autoinflammatory diseases and their evaluation in the framework of AIDA International Multicenter Study. (Co-Investigator)
96. The effect of probiotic cheese on disease activity and inflammatory factors in patients with systemic lupus erythematosus. (Co-Investigator)
97. Study of the incidence and severity of COVID-19 in registered rheumatology patients in RHEUMATRY and its correlation with patients′ medications (Principle Investigator)
98. Study of Methylprednisolone effects on treatment and clinical symptoms and laboratory signs of Iranian COVID-19 patients: a clinical trial study. (Co-Investigator)
99. Study of Tocilizumab effect on treatment and clinical symptoms and laboratory signs of Iranian COVID-19 patients: a crinical trial study. (Co-Investigator)
100. Study of high-dose vitamin C effects on treatment and clinical symptoms and laboratory signs of Iranian COVID-19 patients: a clinical trial study. (Co-Investigator)

Publications

English

1. Amirzargar M, Yavangi M, Basiri A, Moghadam SH, Khosravi F, Solgi G, Gholiaf M, Khoshkho F, Dadaras F, Mahmmodi M, Ansaripour B, Amirzargar A, Nikbin B. Genetic association of interleukin-4, interleukin-10, and transforming growth factor-beta gene polymorphism with allograft function in renal transplant patients. Transplant Proc. 2007 May; 39(4):954-7.

2. Nicknam MH, Mahmoudi M, Amirzargar AA, Ganjalikhani Hakemi M, Khosravi F,Jamshidi AR, Amirkhani A, Ansaripour B, Pourpak Z, Moin M, Nikbin B. Determination of HLA-B27 subtypes in Iranian patients with Ankylosing spondylitis. Iran J Allergy Asthma Immunol. 2008 Mar; 7(1):19-24.

3. Rezaei N, Amirzargar AA, Shakiba Y, Mahmoudi M, Moradi B, Aghamohammadi A. Proinflammatory cytokine gene single nucleotide polymorphisms in common variable immunodeficiency. Clin Exp Immunol. 2009 Jan; 155(1):21-7.

4. Nicknam MH, Mahmoudi M, Amirzargar AA, Jamshidi AR, Rezaei N, Nikbin B. HLA-B27 subtypes and tumor necrosis factor alpha promoter region polymorphism in Iranian patients with ankylosing spondylitis. Eur Cytokine Netw. 2009 Mar; 20(1):17-20.
5. Rezaei N, Aghamohammadi A, Shakiba Y, Mahmoudi M, Jalali A, Moradi B,Amirzargar AA. subtypes and tumor necrosis factor alpha promoter region. Int Arch Allergy Immunol. 2009; 150(1):1-7. Epub 2009 Apr 2.

6. Khalilzadeh O, Anvari M, Esteghamati A, Mahmoudi M, Tahvildari M, Rashidi A,Khosravi F, Amirzargar A. Graves' ophthalmopathy and gene polymorphisms in interleukin-1alpha, interleukin-1beta, interleukin-1 receptor and interleukin-1 receptor antagonist. Clin Experiment Ophthalmol. 2009 Aug; 37(6):614-9.

7. Khansari N, Shakiba Y, Mahmoudi M. Chronic inflammation and oxidative stress as a major cause of age-related diseases and cancer. Recent Pat Inflamm Allergy Drug Discov. 2009 Jan; 3(1):73-80. Review.

8. Barkhordari E, Rezaei N, Ansaripour B, Larki P, Alighardashi M, Ahmadi-Ashtiani HR, Mahmoudi M, Keramati MR, Habibollahi P, Bashashati M,Ebrahimi-Daryani N, Amirzargar AA. Proinflammatory cytokine gene polymorphisms in irritable bowel syndrome. J Clin Immunol. 2010 Jan; 30(1):74-9.

9. Rezaei N, Aghamohammadi A, Mahmoudi M, Shakiba Y, Kardar GA, Mahmoudi M, Moradi B, Amirzargar AA. Association of IL-4 and IL-10 gene promoter polymorphisms with common variable immunodeficiency. Immunobiology. 2010; 215(1):81-7.

10. Azizi E, Massoud A, Amirzargar AA, Mahmoudi M, Soleimanifar N, Rezaei N,Jamshidi AR, Nikbin B, Nicknam MH. Association of CTLA4 gene polymorphism in Iranian patients with ankylosing spondylitis. J Clin Immunol. 2010 Mar; 30(2):268-71.

11. Anvari M, Khalilzadeh O, Esteghamati A, Momen-Heravi F, Mahmoudi M, Esfahani SA, Rashidi A, Amirzargar A. Graves' disease and gene polymorphism of TNF-α,IL-2, IL-6, IL-12, and IFN-γ. Endocrine. 2010 Apr; 37(2):344-8.

12. Anvari M, Khalilzadeh O, Esteghamati A, Esfahani S.A, Rashidi A, Etemadi A, Mahmoudi M, Amirzargar A.A. Genetic susceptibility to Graves ophthalmopathy: The role of polymorphisms in proinflammatory cytokine genes. Eye. 2010:24 (6): 1058-1063.

13. Khalilzadeh O, Anvari M, Momen-Heravi F, Esteghamati A, Rashidi A, Mahmoudi M,Nikbin B, Amirzargar A. Gene polymorphisms of interleukin-4, interleukin-10 and transforming growth factor-beta in Graves' disease. Clin Exp Med. 2010 Jun; 10(2):123-8

14. Khalilzadeh O, Anvari M, Esteghamati A, Momen-Heravi F, Mahmoudi M, Rashidi A, Amiri H.M, Ranjbar M, Tabataba-Vakili S, Amirzargar A. The interleukin-1 family gene polymorphisms and Graves' disease. Annales d'Endocrinologie. 2010:71 (4):281-285.

15. Barkhordari E, Rezaei N, Mahmoudi M, Larki P, Ahmadi-Ashtiani HR, Ansaripour B, Alighardashi M, Bashashati M, Amirzargar AA, Ebrahimi-Daryani N. T-helper 1,T-helper 2, and T-regulatory cytokines gene polymorphisms in irritable bowel syndrome. Inflammation. 2010 Oct; 33(5):281-6.

16. Khalilzadeh O, Anvari M, Esteghamati A, Momen-Heravi F, Rashidi A, Amiri HM,Tahvildari M, Mahmoudi M, Amirzargar A. Genetic susceptibility to Graves' ophthalmopathy: The role of polymorphisms in anti-inflammatory cytokine genes. Ophthalmic Genet. 2010 Dec; 31(4):215-20.

17. Barkhordari, E, Amirzargar, A.A, Ebrahimi-Daryani, N.b, Mahmoudi, M, Ansaripour, B, Alighardashi, M, Ahmadi-Ashtiani, H.R.cf, Bashashati, M.d, Rezaei, N. Lack of association between interleukin 12 C(-1188)A polymorphism and irritable bowel syndrome. Avicenna Journal of Medical Biotechnology. 2011 Jan; 3 (1): 45-48.

18. Soleimanifar N, Amirzargar AA, Mahmoudi M, Pourfathollah AA, Azizi E, Jamshidi AR, Rezaei N, Tahoori MT, Bidad K, Nikbin B, Nicknam MH. Study of programmed cell death 1 (PDCD1) gene polymorphims in Iranian patients with Ankylosing spondylitis. Inflammation. 2011 Dec; 34(6):707-12.

19. Mahmoudi M, Amirzargar AA, Jamshidi AR, Farhadi E, Noori S, Avraee M, Nazari B, Nicknam MH. Association of IL1R polymorphism with HLA-B27 positive in Iranian patients with ankylosing spondylitis. Eur Cytokine Netw. 2011 Dec; 22(4):175-80.

20. Amirzargar AA, Mahmoodi M, Nahvi H, Mahmoudi M, Safari Z, Kasaian A, Divsalar K, Nahavandian B, Jafari A, Heydar-Nasab D, Moradi B, Mohagheghi M. Leukocyte Antigen (HLA) Class II Allele Frequencies in Female Patients with Breast Cancer: A Case Control Study. Basic &Clinical Cancer Research. 2011; 1: 36-44.

21. Mahmoodi M, Nahvi H, Mahmoudi M, Kasaian A, Mohagheghi MA, Divsalar K, Nahavandian B, Jafari A, Ansarpour B, Moradi B, Aghamohammadi A, Amirzargar A.HLA-DRB1,-DQA1 and -DQB1 allele and haplotype frequencies in female patients with early onset breast cancer. Pathol Oncol Res. 2012 Jan; 18(1):49-55.

22. Behniafard N, Gharagozlou M, Farhadi E, Khaledi M, Sotoudeh S, Darabi B, Fathi SM, Gholizadeh Moghaddam Z, Mahmoudi M, Aghamohammadi A, Amirzargar AA, Rezaei N. TNF-alpha single nucleotide polymorphisms in atopic dermatitis. Eur Cytokine Netw. 2012 Oct-Dec; 23(4):163-5.

23. Bidad K, Fallahi S, Mahmoudi M, Jamshidi A, Farhadi E, Meysamie A,Nicknam MH. Evaluation of the Iranian versions of the bath ankylosing spondylitis disease activity index (BASDAI), the bath ankylosing spondylitis functional index (BASFI)and the patient acceptable symptom state (PASS) in patients with Ankylosing spondylitis. Rheumatol Int. 2012 Nov;32(11):3613-8.

24. Mahmoudi M, Jamshidi AR, Amirzargar AA, Farhadi E, Nourijelyani K, Fallahi S, Oraei M, Noori S, Nicknam MH. Association between endoplasmic reticulum aminopeptidase-1 (ERAP-1) and susceptibility to ankylosing spondylitis in Iran. Iran J Allergy Asthma Immunol. 2012 Dec; 11(4):294-300. doi: 011.04/ijaai.294300.

25. Fallahi S, Jamshidi A.R, Gharibdoost F, Mahmoudi M, Paragomi P, Nicknam M. H, Farhadi E, Qorbani M. Urolithiasis in ankylosing spondylitis: Correlation with Bath ankylosing spondylitis disease activity index (BASDAI), Bathankylosing spondylitis functional index (BASFI) and Bath ankylosing spondylitis metrology index (BASMI). Caspian Journal of Internal Medicine. 2012, 3(4): 508-513

26. Bidad K, Salehi E, Jamshidi A, Saboor-Yaraghi AA, Oraei M, Meysamie A, Mahmoudi M, Nicknam MH. Effect of all-transretinoic acid on Th17 and T regulatory cell subsets in patients with ankylosing spondylitis. J Rheumatol. 2013 Apr; 40(4):476-83.

27. Gharagozlou M, Farhadi E, Khaledi M, Behniafard N, Sotoudeh S, Salari R, Darabi B, Fathi SM, Mahmoudi M, Aghamohammadi A, Amirzargar AA, Rezaei N. Association between the interleukin 6 genotype at position -174 and atopic dermatitis. J Investig Allergol Clin Immunol. 2013; 23(2):89-93

28. Nazari B, Amirzargar A, Nikbin B, Nafar M, Ahmadpour P, Einollahi B, Lesan Pezeshki M, Khatami SM, Ansaripour B, Nikuinejad H, Mohamadi F, Mahmoudi M, Soltani S, Niknam MH. Comparison of the Th1, IFN-γ Secreting Cells and FoxP3 Expression between Patients with Stable Graft Function and Acute Rejection Post Kidney Transplantation. Iran J Allergy Asthma Immunol. 2013 Jul 13; 12(3):262-8.

29. Fallahi S, Jamshidi A.R, Gharibdoost F, Mahmoudi M, Ahmadzadeh N, Nicknam M.H. The Correlation between Pack-Years of Smoking and Disease Activity, Quality of Life, Spinal Mobility, and Sacroiliitis Grading in Patients with Ankylosing Spondylitis. Turk J Rheumatol, 2013; 28(3):1-8.

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