

بِسْمِ اللَّهِ تَعَالَى

CURRICULUM VITAE

Abdollah Jafarzadeh

Professor of Immunology

PERSONAL:

First name: Abdollah

Surname: Jafarzadeh

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OFFICE ADDRESS:

1- Department of Immunology, Medical School, Kerman University of Medical Sciences (KMU), Kerman, Iran.

2- Department of Immunology, Medical School, Rafsanjan University of Medical Sciences (RUMS), Rafsanjan, Iran.

QUALIFICATIONS:

1-B.Sc: Biology, Science School, Razi University, Kermanshah, Iran. 1989

2-M.Sc: Immunology, Medical Sciences School, Tarbiat Modares University, Tehran, Iran 1992

3-Ph.D: Immunology, Tehran University of Medical Sciences, Tehran, Iran 2001, Supervisor: Professor F. Shokri

UNIVERSITY APPOINTMENT:

1- Instructor of Immunology, RUMS, Rafsanjan, Iran, 1992-2001.

2- Assistant professor of Immunology, RUMS, Rafsanjan, Iran, 2001-2006.

3- Associate professor of Immunology, RUMS, Rafsanjan, Iran, 2006-2010.

4- Professor of Immunology, RUMS, Rafsanjan, Iran, 2010-present.

TEACHING EXPERIENCES

- 1-Since 1992 to 2010, Teaching the complete courses of Immunology for the students of Rafsanjan University of Medical Sciences (including students of Medicine, Dentistry, Para-medicine, Nursing, Midwifery).
- 2-Teaching the courses of Immunology for the students of Kerman University of Medical Sciences (including students of Medicine, Dentistry, Pharmacology, Para-medicine).
- 3-Teaching the courses of Immunology-1, Immunology-2 and Immunology of infection diseases for M.Sc. students in Kerman University of Medical Sciences (the M.Sc. students of Immunology, Virology, Mycology, Parasitology and Microbiology).
- 4- Teaching the course of Advanced Immunology for Ph.D students of Bacteriology in Kerman University of Medical Sciences.
- 5-Teaching the course of Blood Bank for Para-medicine students in Rafsanjan University of Medical Sciences.
- 6- Teaching of the History of Islamic culture and civilization for the students of Rafsanjan University of Medical Sciences.
- 7- Teaching the courses of Immunology for the students of International Bam University.

TECHNICAL EXPERIENCES:

Cellular and molecular Immunology including: Cell culture, Serological and Molecular HLA-typing, Cytokine assay, Immunization of animal model, PCR, RCR-RFLP, RT-PCR, Real time-PCR, designing ELISA based assay for the screening of antigen and antibody, Immunofluorescence, Electrophoresis, Immunodiffusion, Cell separation, Flowcytometry

AWARDS

- 1- Third prize winner (as *colleague*) in Immunology.
The 7th Razi Research Festival on Medical Sciences, Tehran, 2001.
- 2- First prize winner (as *colleague*) in Health Sciences.
The 14th Razi Research Festival on Medical Sciences, Tehran, 2008.
- 3-Selected as superior researcher in RUMS, Rafsanjan, Iran. 2004, 2006, 2007, 2008, 2009, 2010, 2015.

RESEARCH INTEREST

- Autoimmunity and Allergy

- Tumor Immunology
- Immunomodulation.
- Immunology of infection diseases and vaccines immunogenicity.
- Immunopathological reactions in cardiovascular diseases.
- Cytokines and Chemokines in inflammatory states

SPECIAL TRAINING:

1- 3rd Theoretical and Practical Workshop on Molecular Methods in Immunogenetic. National Research Center of Genetic Engineering. Tehran, Iran, 2002.

2- Workshop: "Dendritic cells and Immune response" Tarbiat Modares University, Tehran, Iran, 2003.

3- Theoretical and Practical Workshop on Molecular Immunology. National Institute of Genetic Engineering and Biotechnology, Tehran, Iran, 2004.

ADMINISTRATION:

1- Head of Student Research Committee. RUMS, Rafsanjan, Iran (1993-1997).

2- Head of Department of Microbiology and Immunology. RUMS, Rafsanjan, Iran (1997-2004 & 2007-2010).

3- Deputy for Research affairs. RUMS, Rafsanjan, Iran (2003-2005).

4- Head of the Office of Talented Students. RUMS, Rafsanjan, Iran (2006-2008).

5- Deputy for Education affairs. RUMS, Rafsanjan, Iran (2008-2009).

6- Vice-Chancellor of Students and Cultural. RUMS, Rafsanjan, Iran (2010-2013).

7- Congress Secretary: Research Congress of the Students of South-East Universities of Medical Sciences. Rafsanjan, Iran, 1996.

8- Deputy of Congress Secretary. The Second Congress of Health Courses of Great Prophet. Rafsanjan, Iran, 2008.

MEMBERSHIP IN COMMITTEES AND SOCIETIES

1. Iranian Society of Immunology and Allergy.
2. Editorial Board of the Journal of Rafsanjan University of Medical Sciences, Rafsanjan, Iran.
3. Editorial Board of Journal of Occupational Health and Epidemiology, Rafsanjan, Iran
4. The Secretary of promotion committee of academic members in RUMS.
5. The member of faculty research council in RUMS
6. The member of university research council in RUMS
7. The member of faculty education council in RUMS

8. The member of university education council in RUMS
9. The member of ethical committee in RUMS.
10. The member of Research in Medical education in RUMS.
11. The member of University council in RUMS.

COMPUTER SKILLS

Expert in using statistical software EPI-info, SPSS, MS-Word, MS-Excel, MS-Power point and Endnote.

PUBLICATIONS

A) Papers (in English):

1. **Jafarzadeh A**, Azizi SV, Nemati M, Khoramdel-Azad H, Shamsizadeh A, Ayoobi F, Taghipour Z, Hassan ZM. Ginger Extract Reduces the Expression of IL-17 and IL-23 in the Sera and Central Nervous System of EAE Mice. *Iran J Immunol.* 2015; 12(4):288-301.
2. Fathalizadeh J, Bagheri V, Khorramdelazad H, Kazemi Arababadi M, **Jafarzadeh A**, Mirzaei MR, Shamsizadeh A, Hajizadeh MR. Induction of apoptosis by pistachio (*Pistacia vera L.*) hull extract and its molecular mechanisms of action in human hepatoma cell line HepG2. *Cell Mol Biol.* 2015; 61(7):128-34.
3. **Jafarzadeh A**, Minaee K, Farsinejad AR, Nemati M, Khosravimashizi A, Daneshvar H, Mohammadi MM, Sheikhi A, Ghaderi A. Evaluation of the circulating levels of IL-12 and IL-33 in patients with breast cancer: influences of the tumor stages and cytokine gene polymorphisms. *Iran J Basic Med Sci.* 2015; 18: 1189-1198.
4. Khorramdelazad H, Rohani H, **Jafarzadeh A**, Hajizadeh MR, Hassanshahi G. Role of S100A12/RAGE axis in eccentric exercise-induced delayed-onset muscle soreness in male non-athletes. *Sport Sci Health.* 2015; 11:345–349.
5. **Jafarzadeh A**, Bagheri-Jamebozorgi M, Nemati M, Golsaz-Shirazi F, Shokri F. Human Leukocyte Antigens Influence the Antibody Response to Hepatitis B Vaccine. *Iran J Allergy Asthma Immunol.* 2015; 14(3): 233-245.
6. Nemati M, Mirzaee V, Shaabani Z, Zarrin M, Mirabdolahi SA, Bagheri-Jamebozorgi M, Rezayati MT, **Jafarzadeh A**. Specific serum immunoglobulin G

- to chlamydia pneumoniae in healthy children and adults (south-east of Iran). *J Ayub Med Coll Abbottabad*. 2015;27(2):264-267.
7. Asadikaram G, Igder S, Jamali Z, Shahrokhi N, Najafipour H, Shokoohi M, **Jafarzadeh A**, Kazemi-Arababadi M. Effects of Different Concentrations of Opium on the Secretion of Interleukin-6, Interferon- γ and Transforming Growth Factor Beta Cytokines from Jurkat Cells. *Addict Health*. 2015;7(1-2):47-53.
 8. Mohammadi-Kordkhaiyali M, Ahangar-Parvin R, Azizi SV, Nemati M, Shamsizadeh A, Khaksari M, Moazzeni SM, **Jafarzadeh A**. Vitamin D Modulates the Expression of IL-27 and IL-33 in the Central Nervous System in Experimental Autoimmune Encephalomyelitis (EAE). *Iran J Immunol*. 2015;12(1):35-49.
 9. Sheikhi AK, Ghazanfari T, Jafar-Rangchi M, Ghaaed V, Karimi H, **Jafarzadeh A**, Sharifi F. Effects of Garlic (*Allium sativum*) extract on the expression of receptor for advanced glycation end products and proinflammatory cytokines secretion in peripheral blood mononuclear cells from patients with type 2 diabetes mellitus. *Arch Med Lab Sci*. 2015;1(1):1-10.
 10. **Jafarzadeh A**, Fooladseresht H, Minaee K, Bazrafshani MR, Khosravimashizi A, Nemati M, Mohammadizadeh M, Mohammadi MM, Ghaderi A. Higher circulating levels of chemokine CCL22 in patients with breast cancer: evaluation of the influences of tumor stage and chemokine gene polymorphism. *Tumor Biol*. 2015; 36(2):1163-71.
 11. Bagheri-Jamebozorgi M, Keshavarz J, Nemati M, Mohammadi-Hossainabad S, Rezayati M, Nejad-Ghaderi M, Nejad-Ghaderi M, Shokri F, **Jafarzadeh A**. The persistence of anti-HBs antibody and anamnestic response 20 years after primary vaccination with recombinant hepatitis B vaccine at infancy. *Hum Vaccin Immunother*. 2014;10(12):3731-6.
 12. Askari A, Hassanshahi GH, Ghalebi SR, **Jafarzadeh A**, Mohit M, Hajghani M, Kazemi Arababadi M. Intensity of HLA-A2 Expression Significantly Decreased in Occult Hepatitis B Infection. *Jundishapur J Microbiol*. 2014;7(6):e10298. doi: 10.5812/jjm.
 13. **Jafarzadeh A**, Jamali M, Mahdavi R, Ebrahimi HA, Hajghani H, Khosravimashizi A, Nemati M, Najafipour H, Sheikhi A, Mohammadi MM, Daneshvar H. Circulating Levels of Interleukin-35 in Patients with Multiple

- Sclerosis: Evaluation of the Influences of FOXP3 Gene Polymorphism and Treatment Program. *J Mol Neurosci*. 2015;55(4):891-7.
14. Hajghani H, Bagherzadeh S, Ebrahimi HA, Khosravimashizi A, Nemati M, Sheakhi A, **Jafarzadeh A**. Investigation of the association of CCL22 gene polymorphism rs4359426 with multiple sclerosis. *Arch Med Lab Sci*. 2015;1(2):45-50.
 15. **Jafarzadeh A**, Mohammadi-Kordkhayli M, Ahangar-Parvin R, Azizi V, Khoramdel-Azad H, Shamsizadeh A, Ayoobi A, Nemati M, Hassan ZM, Moazeni SM, Khaksari M. Ginger extracts influence the expression of IL-27 and IL-33 in the central nervous system in experimental autoimmune encephalomyelitis and ameliorates the clinical symptoms of disease. *J Neuroimmunol*. 2014;276(1-2):80-8.
 16. Nemati M, Zarrin M, Mir-Abdollah SA, Rezayati MT, Mirzaee V, Bagheri A, Ebrahimi M, **Jafarzadeh A**. Lower serum level of anti-tetanus toxin antibodies in patients with type 2 diabetes mellitus. *Acta Med Indones*. 2014; 46(1):44-50.
 17. Sheikhi A, Razdar S, Rahmanpour H, Mousavinasab N, Ganji HB, **Jafarzadeh A**. Higher expression of HSP70 and LOX-1 molecules in the placental tissues of pre-eclampsia pregnancies. *Clin Experiment Hyperten*. 2015;37(2):128-35.
 18. **Jafarzadeh A**, Bagherzadeh S, Ebrahimi HA, Hajghani H, Bazrafshani MR, Khosravimashizi A, Nemati M, Gadari F, Sabahi A, Iranmanesh F, Mohammadi MM, Daneshvar H. Higher Circulating Levels of Chemokine CCL20 in Patients with Multiple Sclerosis: Evaluation of the Influences of Chemokine Gene Polymorphism, Gender, Treatment and Disease Pattern. *J Mol Neurosci*. 2014; 53(3):500-5.
 19. **Jafarzadeh A**, Ebrahimi HA, Bagherzadeh S, Zarkesh F, Iranmanesh F, Najafzadeh A, Khosravimashizi A, Nemati M, Sabahi A, Hajghani H, Daneshvar H, Mohammadi MM. Lower Serum Levels of Th2-Related Chemokine CCL22 in Women Patients with Multiple Sclerosis: A Comparison Between Patients and Healthy Women. *Inflammation*. 2014; 37(2):604-10.
 20. **Jafarzadeh A**, Rezayati MT, Nemati M. Helicobacter pylori seropositivity in patients with type 2 diabetes mellitus in south-east of Iran. *Acta Med Iran*. 2013;51(12):892-6.
 21. **Jafarzadeh A**, Nemati M, Rezayati MT, Ebrahimi M, Abdollahi H. Higher circulating levels of anti-phosphatidylserine antibody in peptic ulcer patients

- infected with CagA-positive strains of *Helicobacter pylori*. *Clin Lab*. 2013;59(9-10):977-84.
22. Sheikhi A, Saadati K, **Jafarzadeh A**, Karimi H, Mousavinasab N. Augmenting the Expression of NKp44 Molecule and the Natural Killer Activity in Peripheral Blood Mononuclear Cells from Patients with Malignant Colorectal Carcinoma. *Drug Res (Stuttg)*. 2013 Oct 23. [Epub ahead of print]
 23. Sheikhi A, Jalali M, Gholamian M, **Jafarzadeh A**, Jannati S, Mousavifar N. Elimination of apoptotic spermatozoa by magnetic-activated cell sorting improves the fertilization rate of couples treated with ICSI procedure. *Andrology*. 2013 Nov;1(6):845-9.
 24. **Jafarzadeh A**, Nemati M, Rezayati MT, Nabizadeh M, Ebrahimi M. Higher serum levels of rheumatoid factor and anti-nuclear antibodies in helicobacter pylori-infected peptic ulcer patients. *Oman Med J*. 2013 Jul;28(4):264-9
 25. **Jafarzadeh A**, Akbarpoor V, Nabizadeh M, Nemati M, Rezayati MT. Total leukocyte counts and neutrophil-lymphocyte count ratios among *Helicobacter pylori*-infected patients with peptic ulcers: independent of bacterial CagA status. *Southeast Asian J Trop Med Public Health*. 2013 Jan;44(1):82-8.
 26. **Jafarzadeh A**, Nemati M, Rezayati MT, Khoramdel H, Nabizadeh M, Hassanshahi G, Abdollahi H. Lower circulating levels of chemokine CXCL10 in *Helicobacter pylori*-infected patients with peptic ulcer: Influence of the bacterial virulence factor CagA. *Iran J Microbiol*. 2013 Mar;5(1):28-35.
 27. Asadikaram G, Sirati-Sabet M, Asiabanha M, Shahrokhi N, **Jafarzadeh A**, Khaksari M. Hematological Changes in Opium Addicted Diabetic Rats. *Int J High Risk Behav Addict*. 2013 March; 1(4): 141-148.
 28. **Jafarzadeh A**, Nemati M, Rezayati MT, Ebrahimi M, Hassan ZM. Cimetidine enhances delayed-type hypersensitivity responses and serum interleukin (IL)-2, -10, -12, and IL-17 levels after burn injury in an animal model. *J Immunotoxicol*. 2013;10(2):201-9.
 29. **Jafarzadeh A**, Shokri F. TH1 and TH2 responses are influenced by HLA antigens in healthy neonates vaccinated with recombinant hepatitis B vaccine. *Iran J Allergy Asthma Immunol*. 2012; 11(4):308-15.
 30. **Jafarzadeh A**, Shabani Z, Hassanabadi M, Rezayati MT, Nemati M, Sayadi AR, Sheikhi A, Vazirinejad R. Lower immunity to tetanus in cigarette smoker subjects. *JOHE*. 2012, 1(3): 124-131.

31. Abdollahi H, Shams S, Zahedi MJ, Darvish Moghadam S, Hayatbakhsh MM, **Jafarzadeh A**. IL-10, TNF- α and IFN- γ levels in serum and stomach mucosa of *Helicobacter pylori*-infected patients. Iran J Allergy Asthma Immunol. 2011 Dec;10(4):267-71.
32. **Jafarzadeh A**, Nemati M, Rezayati MT. Serum levels of interleukin (IL)-27 in patients with ischemic heart disease. Cytokine. 2011 Nov;56(2):153-6.
33. **Jafarzadeh A**, Nemati M, Rezayati M. Circulating interleukin-27 levels in *Helicobacter pylori*-infected patients with gastric or duodenal ulcer: independent of the bacterial CagA virulence factor. J Dig Dis. 2011; 56(2):153-6.
34. **Jafarzadeh A**, Nemati M, Tahmasbi M, Ahmadi P, Rezayati MT, Sayadi AR. Infection burden in Iranian patients with acute myocardial infarction and unstable angina. Indones J Inter Med. 2011; 43(2):105-11.
35. Arababadi MK, Pourfathollah AA, **Jafarzadeh A**, Hassanshahi G, Salehi M, Ahmadabadi BN, Kennedy D. Hepatitis B virus genotype, HBsAg mutations and co-infection with HCV in occult HBV infection. Clin Res Hepatol Gastroenterol. 2011; 35(8-9):554-9.
36. **Jafarzadeh A**, Nemati N. Evaluation of the combinational effect of lecturing and small group working with axial role of excellent students on the learning of Medical Immunology course. RMJ. 2011; 36(1): 50-52
37. **Jafarzadeh A**, Poorgholami M, Nemati M, Rezayati MT. Higher serum levels of rheumatoid factor and anti-phosphatidylserine antibody in patients with ischemic heart disease. Iran J Immunol. 2011; 8(1):34-44.
38. Arababadi MK, Pourfathollah AA, **Jafarzadeh A**, Hassanshahi G, Daneshmandi S, Shamsizadeh A, Kennedy D. Non-association of IL-12 +1188 and IFN- γ +874 polymorphisms with cytokines serum level in occult HBV infected patients. Saudi J Gastroenterol. 2011;17(1):30-5.
39. Arababadi MK, Pourfathollah AA, **Jafarzadeh A**, Hassanshahi G, Shamizadeh A, Ahmadabadi BN, Kennedy D. The status of humoral immunity in occult HBV infection in south-eastern Iranian patients. Clin Res Hepatol Gastroenterol. 2011.
40. **Jafarzadeh A**, Esmaeeli-Nadimi A, Nemati M, Tahmasbi M, Ahmadi P. Specific serum Immunoglobulin G to *Helicobacter pylori* and its virulence factor CagA in patients with ischemic heart disease. Eastern Mediterranean Health Journal. 2010; 16(10):1039-44.

41. **Jafarzadeh A**, Hassan ZM, Ebtekar M, Mohaghegh-Hazrati S, Tirihi T. Time-dependent changes of immunologic responses after burn injury and immunomodulation by cimetidine and pyrimethamine in an animal model. *Pak J Pharm Sci.* 2010; 23(4):367-73.
42. **Jafarzadeh A**, Poorgholami M, Izadi N, Nemati M, Rezayati M. Immunological and hematological changes in patients with hyperthyroidism or hypothyroidism. *Clin Invest Med.* 2010; 33(5):E1-E9.
43. Arababadi MK, Pourfathollah AA, **Jafarzadeh A**, Hassanshahi G. Serum levels of IL-10 and IL-17A in occult HBV-infected South-East Iranian patients. *Hepatitis Monthly.* 2010; 10 (1):31-35.
44. Arababadi MK, Pourfathollah AA, **Jafarzadeh A**, Hassanshahi G, Mohit M, Hajghani M, Shamsizadeh A. Peripheral blood CD8+ T cells CCR5 expression and its $\Delta 32$ mutation in Iranian patients with occult hepatitis B infections. *Laboratory Medicine.* 2010; 41 (4):226-230.
45. Asadikaram G, Asiabanha M, Sayadi A, **Jafarzadeh A**, Hassanshahi G. Impact of opium on the serum levels of TGF- β in diabetic, addicted and addicted-diabetic rats. *Iran J Immunol.* 2010;7(3):186-92.
46. **Jafarzadeh A**. Designing the OSCE method for evaluation of practical immunology course of medical students: In comparison to written-MCQ and oral examination. *Rawal Medical Journal.* 2009; 34 (2):219-222.
47. **Jafarzadeh A**, Bakhshi H, Rezayati MT, Nemati M. Cigarette smoke-exposed saliva suppresses cellular and humoral immune responses in an animal model. *J Pak Med Assoc.* 2009; 59(11):760-3.
48. **Jafarzadeh A**, Sadeghi M, Vazirinejad R. Salivary IgA and IgE levels in healthy subjects: relation to age and gender. *Braz Oral Res.* 2010;24(1):21-7.
49. Arababadi MK, Pourfathollah AA, **Jafarzadeh A**, Hassanshahi G, Rezvani ME. Association of exon 9 but not intron 8 VDR polymorphisms with occult HBV infection in south-eastern Iranian patients. *J Gastroenterol Hepatol.* 2010;25(1):90-3.
50. **Jafarzadeh A**, Mirzaee V, Ahmad-Beygi H, Nemati M, Rezayati MT. Association of the CagA status of *Helicobacter pylori* and serum levels of interleukin (IL)-17 and IL-23 in duodenal ulcer patients. *J Dig Dis.* 2009;10(2):107-12.

51. Asadi Karam G, Hakim H, Rezaeian M, **Jafarzadeh A**, Rashidinejad H, Khaksari M. Thyroid function in mothers who gave birth to neonates with transient congenital hypothyroidism. *Pak J Med Sci* 2009;25(4):568-572.
52. **Jafarzadeh A**, Esmaeeli-Nadimi A, Nough H, Nemati M, Rezayati MT. Serum levels of interleukin (IL)-13, IL-17 and IL-18 in patients with ischemic heart disease. *Anadolu Kardiyol Derg.* 2009;9(2):75-83.
53. Nozad-Mojaver Y, Mirzaee M, **Jafarzadeh A**. Synergistic effects of cigarette smoke and saliva. *Med Oral Patol Oral Cir Bucal.* 2009;14(5):E217-21.
54. **Jafarzadeh A**, Hassanshahi GH, Nemati M. Serum Levels of High-Sensitivity C-Reactive Protein (hs-CRP) in Helicobacter pylori-Infected Peptic Ulcer Patients and Its Association with Bacterial CagA Virulence Factor. *Dig Dis Sci.* 2009; 22.
55. **Jafarzadeh A**, Kazemi Arababadi M, Mirzaee M, Pourazar M. Occult hepatitis B virus infection among blood donors with antibodies to hepatitis B core antigen. *Acta Medica Iranica.* 2008; 46(1): 27-32.
56. Bagherian A, **Jafarzadeh A**, Rezaeian M, Ahmadi S, Rezaity MT. Comparison of the salivary immunoglobulin concentration levels between children with early childhood caries and caries-free children. *Iran J Immunol.* 2008; 5(4):217-21.
57. Hassanshahi G, **Jafarzadeh A**, Esmaeilzadeh B, Arababadi MK, Yousefi H, Dickson AJ. Assessment of NK cells response to hepatocyte derived chemotactic agents. *Pak J Biol Sci.* 2008; 11(8):1120-5.
58. **Jafarzadeh A**, Mostafaie A, Sadeghi M, Nemati M, Rezayati MT, Hassanshahi GH. Age-Dependent Changes of Salivary IgA and IgE Levels in Healthy Subjects. *Dent Res J.* 2008; 5(2):89-93
59. Hassanshahi G, **Jafarzadeh A**, James Dickson A. Expression of stromal derived factor alpha (SDF-1 alpha) by primary hepatocytes following isolation and heat shock stimulation. *Iran J Allergy Asthma Immunol.* 2008;7(2):61-8.
60. **Jafarzadeh A**, Esmaeeli-Nadimi A, Shariati M. High sensitivity C-reactive protein and immunoglobulin G against Chlamydia pneumoniae and chlamydial heat shock protein-60 in ischemic heart disease. *Iran J Immunol.* 2008;5(1):51-6.
61. **Jafarzadeh A**, Zarei S, Shokri F. Low dose revaccination induces robust protective anti-HBs antibody response in the majority of healthy non-responder neonates. *Vaccine.* 2008; 26(2):269-76.

62. Hassanshahi G, **Jafarzadeh A**, Ghorashi Z, Zia Sheikholeslami N, Dickson AJ. Expression of IP-10 chemokine is regulated by pro-inflammatory cytokines in cultured hepatocytes. *Iran J Allergy Asthma Immunol.* 2007; 6(3):115-21.
63. **Jafarzadeh A**, Ahmedi-Kahanali J, Bahrami M, Taghipour Z. Seroprevalence of anti-Helicobacter pylori and anti-CagA antibodies among healthy children according to age, sex, ABO blood groups and Rh status in south-east of Iran. *Turk J Gastroenterol.* 2007;18(3):165-71.
64. **Jafarzadeh A**, Hassanshahi GH, Kazemi-Arababadi M, Mostafae A, Sadeghi M, Nematollahi MA. The Comparison of Salivary IgA and IgE Levels in Children with Breast- and Formula- Feeding During Infancy Period. *Dental Research Journal.* 2007; 4 (1): 11-17.
65. **Jafarzadeh A**, Rezayati MT, Nemati M. Specific serum immunoglobulin G to H pylori and CagA in healthy children and adults (south-east of Iran). *World J Gastroenterol.* 2007 Jun 14;13(22):3117-21.
66. Hassanshahi G, Patel SS, **Jafarzadeh A**, Dickson AJ. Expression of CXC chemokine IP-10/Mob-1 by primary hepatocytes following heat shock. *Saudi Med J.* 2007 Apr;28(4):514-8.
67. **Jafarzadeh A**, Montazerifar SJ. Persistence of anti-HBs antibody and immunological memory in children vaccinated with hepatitis B vaccine at birth. *J Ayub Med Coll Abbottabad.* 2006;18(4):4-9.
68. **Jafarzadeh A**, Salari M. Seroprevalence of anti-Helicobacter pylori and anti-CagA antibodies in peptic ulcer and healthy subjects in the city of Rafsanjan. *J Res Med Sci* 2006; 11: 285-291.
69. **Jafarzadeh A**, Sajadi M. Evaluation of the serum Interleukin-18 levels in helicobacter pylori-infected peptic ulcer patients and its association with bacterial CagA virulence factor. *Iran J Immunol* 2006; 3: 15- 22.
70. **Jafarzadeh A**, Sajjadi SMA. Persistence of anti-HBs antibodies in healthy Iranian children vaccinated with recombinant hepatitis B vaccine and response to a booster dose. *Acta Med Iranica.* 2005; 43(2): 79-84.
71. Pourazar P, Salehi M, **Jafarzadeh A**, Kazemi M, F. Oreizi F, Shariatinegad K. Detection of HBV DNA in HBsAg negative/anti-HBc Positive Blood Donors with Occult HBV Infection. *Iranian Journal of Immunology.* 2005; 2(3): 172-176.

72. **Jafarzadeh A**, Kardar GA, Khoshnoodi J, Shokri F. Downregulation of IL-12 production in healthy non-responder neonates to recombinant HB vaccine. *Iranian Biomedical Journal*. 2004; 1: 41-45.
73. **Jafarzadeh A**, Khoshnoodi J, Ghorbani S, Hazrati SM, Faraj Mazaheri B, Shokri F. Differential immunogenicity of a recombinant hepatitis B vaccine in Iranian neonates: influence of ethnicity and environmental factors. *Iranian Journal of Immunology*. 2004; 1(2): 98-104.
74. **Jafarzadeh A**, Esmaeeli Nadimi A, Tajeek H. Evaluation of the serum IgE levels in patients with ischemic heart diseases. *Iranian Heart Journal*. 2004; 5 (1-2):20-25.
75. **Jafarzadeh A**, Shokri F. The antibody response to HBs antigen is regulated by coordinated Th1 and Th2 cytokine production in healthy neonates. *Clin Exp Immunol*. 2003; 131:451-456.
76. **Jafarzadeh A**, Shokrgozar MA, Khoshnoodi J, Shokri F. Unresponsiveness to recombinant hepatitis B vaccine in healthy Iranian neonates: association with HLA antigens. *Ir J Med Sci*. 2002; 27:51-55.
77. Shokri F, **Jafarzadeh A**. High seroprotection rate induced by low doses of a recombinant hepatitis B vaccine in healthy Iranian neonates. *Vaccine*. 2001; 19: 4544-4548.

B) Paper (in Persian):

78. **Jafarzadeh A**. Mohammadi M, Ahangar-Parvin R, Azizi SV, Ayobi F, Taghipour Z, Shamsizadeh A, Goujani R, Nemati M, Moazeni M,. Evaluation of the Effect of Vitamin D3 and Ginger Extract on the Clinical Symptoms and the Severity of Inflammation in EAE. *J Rafsanjan Univ Med Sci* 2014; 13(7): 683-94.
79. Bakhshi H, **Jafarzadeh A**, Alimohammadi A. Viewpoints of students toward educational services quality presented by (expectation and perceptions) Rafsanjan University of Medical Sciences (2008-2009). *Journal of Rafsanjan University of Medical Sciences*. 2011; 10: 31-40.
80. Kazemi Arababadi M, Pourfathollah AA, **Jafarzadeh A**, Hassanshahi G, Daneshmandi S, Afrooz MR, Haddadian M, Mohammadizadeh F. The relation of polymorphisms in +874 region of IFN- γ with occult hepatitis B virus infection. *Journal of Gorgan University of Medical Sciences*. 2010; 12(1):56-62.

81. **Jafarzadeh A**, Reisi S, Rezayati MT. The viewpoint of excellent and superior students about motivational factors influencing their academic achievement and promotion. *Journal of Birjand faculty of Nursing & Midwifery and Paramedical*. 2009; 6(1-4):19-23.
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