

## **Curriculum Vitae**

### **Personal Information:**

**Name:** Anahita Babak

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### **Education:**

Assistant Professor, Community and Preventive Medicine Department, Medical School, Isfahan University of Medical Sciences

### **Research Projects:**

- 1) Head project in: Assessing Healthy Lifestyle among older people in Isfahan province, 2010-2011.
- 2) Head project in: Assessing the Quality of Life among elderly in Health Centers in Isfahan province, 2010-2011.
- 3) Head project in: Assessment of the health status of elderly in Isfahan province (2009).
- 4) Head project in: Prevalence and Genotyping of rotavirus in 2-60 month old children with acute diarrhea in ambulatory settings in Isfahan, Iran, 2010.
- 5) Head project in: Comparison of Prevalence and Genotyping of norovirus from 2-60 month old children with acute diarrhea and control group in Isfahan, Iran. 2010.
- 6) Head project in: Comparison of Prevalence and Genotyping of sapovirus from 2-60 month old children with acute diarrhea and control group in Isfahan, Iran. 2010.
- 7) Head project in: A pilot study for Surveillance of acute respiratory infections among outpatients in Isfahan city (2009-2010).
- 8) Head project in: Frequency of Legionella in bronchoalveolar lavage samples by real time PCR in respiratory ICU at Al\_Zahra hospital-2010
- 9) Head project in: Evaluation of Tuberculosis Program in Istahan District.
- 10) Head project in: Integrated Management and Monitoring Survey (IMES) For Assessing Health Indices in Elderly, Isfahan Province, 2011-2012
- 10) Co-operate in: Prevalence of hepatitis B, C, HIV infections and HBs antibody titer among private and governmental laboratories' staff in Esfahan city in 2009-2010.
- 11) Co-operate in: Comparison assessment of result biopsies of liver with Hepascore in patients with genotypes 1.
- 12) Co-operate in: Evaluation of the frequency of genetic resistance to Lamivudine and Adefovir in treatment naïve patients with chronic hepatitis B infection: a pilot study.
- 13) Co-operate in: Study of frequency of distribution of common Dermatophyts on mats of wrestling halls in Isfahan 2010.
- 15) Co-operate in: Comparing two approaches of blood culture and 16s Real- time PCR in Diagnosing Bacterial infectious of febrile neutropenic Patients at Seyedo-Shohada Hospital in Isfahan in 2010-11.
- 16) Co-operate in: Frequency of candida albicans in bronchoalveolar lavage samples By real time PCR in respiratory ICU at Al\_Zahra hospital- 2010

- 17) Co-operate in: The frequency of microorganisms, antibiotic resistancy and MIC pattern of commonly nosocomial isolated organisms in ventilated associated pneumonia at ICU of Al\_Zahra hospital by E-test method
- 18) Co-operate in: Frequency assessment of bacterial infections in the Patients with probable Meningitis by 16 s rDNA Real- time PCR in Diagnosing of Bacterial Meningitis at Al-Zahra Hospital in Isfahan in 2010.
- 19) Co-operate in: Frequency of aspergillus spp in bronchoalveolar lavage samples by real time PCR in respiratory ICU at Al\_ Zahra hospital-2010
- 20) Co-operate in: Evaluation of anti Rubella IgG in serum of women in reproductive age and comparison between them seven years after vaccination campaign of measles-rubella in Isfahan 2010
- 21) Co-operate in: Evaluation of anti Rubella IgM in serum of women in reproductive age and comparison between them seven years after vaccination campaign of measles-rubella in Isfahan 2010
- 22) Co-operate in: Prevalence of STI according to approach in men who are referred to drop-in centers (DICs), Narcotics Anonymous (NA) groups and Voluntary Consulting and Testing (VCT) center in Isfahan, 2010-2011.
- 23) Co-operate in: Prevalence of Herpes simplex virus (type 1,2) and Mycobacterium Tuberculosis in CSF specimens from hospitalized patients diagnosed with meningitis/encephalitis with Real Time PCR in Isfahan city hospitals 2010-2011.
- 24) Co-operate in: Prevalence of infectious rate and identification of Brucella species in raw milk with Real time PCR system in Isfahan city.
- 25) Co-operate in: Prevalence of infectious rate and identification of Brucella species in dairy product with Real time PCR system in Isfahan city in 1389.
- 26) Co-operate in: Prevalence of enteroviruses in CSF specimens from hospitalized patients diagnosed with meningitis/encephalitis with Real Time PCR in Isfahan city hospitals 2010-2011
- 27) Co-operate in: Comparison assessment of two methods (Real Time PCR & Culture) in detection of Candida albicans in immuno compromised patients in Isfahan city hospitals in 2010-2011 years.
- 28) Co-operate in: The comparison of Depression and Anxiety in overweight, obese and normal weight individuals and its relationship with type of obesity.
- 29) Head project in: Integrated Management and Monitoring Survey (IMES) For Assessing Health Indices in Elderly, Isfahan Province, 2011-2012
- 30) Co-operate in: The Isfahan Geriatrics 60+ Cohort (IG60+C) implementation 2020

**Medical student Thesis:**

1. A study on relation between the risk factors of diabetes and nutritional behaviors in middle aged people of Isfahan in the 1396.
2. Comparative evaluation of nutritional behavior and physical activity frequency distribution in middle age with and without dyslipidemia in Isfahan city.
3. evaluation of positive psychology's effect on depression, anxiety, stress and glycemic control in diabetic patients, Isfahan city, 2017
4. Comparison of frequency of psychological disorders in diabetic and non-diabetic middle aged in Isfahan, 2016-2017
5. Evaluation and comparison average of physical activity in middle aged population of Isfahan affected by metabolic syndrome or not affected by metabolic syndrome referred to urban health care center in 2017-2018
6. The perception of diabetic patients and health care providers of diabetes treatment and care
7. Assessment of the effect mindfulness based stress control in comparison with routine care on sleep quality in women with diabetes type II, Imam Ali health center, Isfahan 2019
8. The survey of the effect of psychological disorders on metabolic syndrome amongst Isfahan's middle aged women, 2015-2016
9. Evaluation relation between metabolic syndrome and smoking in middle aged population of Isfahan referred to urban health care center 2017-2018
10. evaluation of nutritional behavioral in Isfahan children and teenager
11. Comparative evaluation of nutritional behaviors and physical activity frequency distribution in middle age with and without hypertension in Isfahan city 94-95
12. Assessment of the effect mindfulness based stress control in comparison with routine care on quality of life in women with hypertension
13. Comparison of the effect of 4 methods: combination of mindfulness meditation and walking, only walking, only mindfulness meditation, and routine education on hypertension in patients with diabetes type II
14. Comparison of the effect of 4 methods: combination of mindfulness meditation and walking, only walking, only mindfulness meditation, and routine education on Glycemic control and mental health in women with diabetes type II, Isfahan 2017
15. Comparison of the effect of 4 methods: combination of mindfulness meditation and walking, only walking, only mindfulness meditation, and routine education on mental health in patients with hypertension
16. evaluation of nutritional disorders in Isfahan elderly
17. Comparison of nutritional behaviors and physical activities between obese and normal-weight adults
18. evaluation of the Performance of Students about substance abuse in Isfahan Province

**Publication: Article**

- 1) Ataei B, Yazdani MR, Kalantari H, Yaran M, Nokhdian Z, Javadi AA, **Babak A**, Adibi P. Hepatitis D Virus infection in Isfahan , central Iran :Prevalence and risk factors among chronic HBV Infection cases. *Hepat Mon* 2011; 11(4):269-272. (ISI)
- 2) Ataei B, Tayeri K, Kassaian N, Farajzadegan Z, **Babak A**. Hepatitis B and C among Patients Infected With Human Immunodeficiency Virus in Isfahan, Iran: Seroprevalence and Associated Factors. *Hepat Mon* 2010; 10(3):188-192. (ISI)
- 3) **Babak A**, Akhtar E, Fadaei Nobari R, Ataei B. Surveillance on the 2009 pandemic influenza A(H1N1)Virus , Isfahan Iran . *JRMS* 2010; 16(1):119. (ISI)
- 4) Kassaian N, Ataei B, Yaran M, **Babak A**, Shoaeei P. Hepatitis B and C among Women with illegal social Behavior in Isfahan, Iran: Seroprevalence and associated factors . *Hepat Mon* 2011; 11(5): 368-71. (ISI)
- 5) Ataei B, Nokhodian Z, **Babak A**, Shoaeei P, Mohammad zadeh M, Sadeghi S. Seroprevalence and Associated Risk Factors of Hepatitis B Virus Among street Children in Isfahan , Iran . *Journal of Isfahan Medical School* 2010; 27 (102): 788- 97.
- 6) Ataei B, Nokhodian Z, **Babak A**, Shoaeei P, Mohammad zadeh M, Sadeghi S. Seroprevalence of Hepatitis C ( HCV) and Human Immunodeficiency Virus (HIV) infection among street Children in Isfahan , Iran. *Tehran University Medical Journal* 2010; 67(11):811-6
- 7) Manzouri L, Farajzadegan Z, **Babak A**, Farid F, Fadaei Nobari R. Tuberculosis Program Evaluation in Isfahan District. *Journal of Isfahan Medical School* 2010; 27 (102 ): 742 -52
- 8) Bahonar A, Khosravi A, Esmaeelian H, **Babak A**, Rahmati M, Jamshidi A, Azad M, Danshvar P, Sarrafzadeghan N. Methods of Implementing the operational phases of the Health professionals education project- Isfahan Healthy Heart program (IHHP-HPEP). *Arya Atherosclerosis Journal* 2009,5(3):102-
- 9) Eshaghi SR, Farajzadegan Z, **Babak A**. Healthy lifestyle assessment questionnaire in elderly: translation, reliability and validity. *Payesh* 2010; 9:91-9
- 10) Eshaghi SR, **Babak A**, Manzouri L, Merasi MR. The Nutritional Status of the Elderly and Their Associated Factors in Isfahan. *Salmand (Iranian Journal of Aging)* 2007; 5:340-5.
- 11) Manzouri L, **Babak A**, Merasi MR. The Depression Status of the Elderly and its Related Factors in Isfahan in 2007. *Salmand (Iranian Journal of Aging )*2010;14:27-33
- 12) Ataei B, Salehi M, Javadi AA, Khorvash F, Mortazavi AS, Kasaeian N, Nokhodian Z, **Babak A**. The Frequency of High-risk Behaviors in Intravenous Drug Abusers Referred to Addiction Prohibition Centers in Isfahan, 2010. *Journal of Isfahan Medical School* 2011; 28, (114):837-42
- 13) Kalantari H, Hoseini SA, Yaran M, **Babak A**. Comparison of Liver Biopsy with Hepascore in Patients with Hepatitis C-Genotype 1. *Journal of Isfahan Medical School* 2011; 29, (136):1-8
- 14) Kasaeian N, Nokhodian Z, **Babak A**, Ataei B, Adibi P. Hepatitis C in Patients with Multi Blood Transfusion in Isfahan, Iran. *Journal of Isfahan Medical School* 2011; 28,:24-8

- 15) Rostami M, Javadi AA, Khorvash F, Mostafavizadeh K, Adibi A, **Babak A**, Ataei B, Meidani M, Emami Naeini AR, Salehi H, Avijgan M, Yazdani MR, Rezaei F. Thoracic computerized tomographic (CT) findings in 2009 influenza A (H1N1) virus infection in Isfahan, Iran. JRMS 2011; 16(5): 591-7. (ISI)
- 16) Meshkati M, Ataei B, Nokhodian Z, Yaran M, **Babak A**, Asgarianzadeh MR, Farshad M, Adibi P. Hepatitis C Screening in Isfahan Drop in Centers: An Experience Description. Journal of Isfahan Medical School 2011; 28,:17-24
- 17) Ataei B, **Babak A**, Yaran M, Kassaian N, Nokhodian Z, Meshkati M, Adibi P. Hepatitis C in Intravenous Drug Users: Seroprevalence and Risk Factors. Journal of Isfahan Medical School 2011; 28,:1537-45
- 18) Ataei B, Javadi AA, Khorvash F, **Babak A**, Amini Pozveh Z. Knowledge, Attitude and Practice of Surgeons and Surgical Residents in Disciplines Standard Precautions. Journal of Isfahan Medical School 2011; 28,(115): 940-6
- 19) Kaffashian AR, Nokhodian Z, Kassaian N, **Babak A**, Yaran M, Shoaei P, Ataei B, Adibi P. The Experience of Hepatitis C Screening among Prison Inmates with Drug Injection History in 2008-2009. Journal of Isfahan Medical School 2011; 28,:29-35
- 20) Mostafavi SN, Ataei B, Nokhodian Z, Yaran M, **Babak A**. Seroepidemiology of Toxoplasma gondii infection in Isfahan province, central Iran: A population based study. JRMS 2011; 16(4): 496-501. (ISI)
- 21) Ataei B , Khorvash F, Azadeh S, Nokhodian Z, Kassaian N, **Babak A**. The Prevalence of High Risk Behaviors among Women Prisoners in Isfahan, Iran. Journal of Isfahan Medical School 2011; 29,(150):1070-77
- 22) Kalantari H, Hoseini H, **Babak A**, Yaran M. Validation of Hepascore as a Predictor of Liver Fibrosis in Patients with Chronic Hepatitis C Infection. Hepatitis Research and Treatment 2011; 2011: 1-6 doi:10.1155/2011/972759
- 23) Javadi AA, Ataei B, Khorvash F, **Babak A**, Rostami M, Mostafavizadeh K, Emami Naeini A, Meidani M, Salehi H, Avijgan M, Sherkat R, Yazdani MR, Rezaei F. Clinical features of novel 2009 influenza A (H1N1) infection in Isfahan, Iran. J Res Med Sci 2011; 16(12): 1550-1554 (ISI)
- 24) **Babak A**, Davari S, Aghdak P, Pirhaji O. Assessment of Healthy Lifestyle among Elderly in Isfahan, Iran. Journal of Isfahan Medical School 2011; 29,(149):1-11
- 25) Mostafavi SN, Ataei B, Salehi A, Nokhodian Z, Yaran M, **Babak A**. Seroprevalence of Human Cytomegalovirus Diseases in Isfahan, Iran. Journal of Isfahan Medical School 2012; 29,(168):1-9
- 26) Ataei B, Javadi AA, Salehi M, Mortazavi R, Kassaian N, **Babak A**, Nokhodian Z, Ataei M. Relative Frequency of Depression and Anxiety in Chronic Hepatitis C Patients. Journal of Isfahan Medical School 2012; 29,(165):1-13
- 27) Ataei B, Khorvash F, Salehi M, Houshmand S, Kassaian N, **Babak A**, Nokhodian Z, Ataei M. The Relative Frequency of Depression and Anxiety in Patients with Hepatitis B

Referring to Infectious Diseases and Tropical Medicine Research Center, Isfahan, Iran.  
Journal of Isfahan Medical School 2012; 29,(169):1-7

- 28) Kassaian N, Ataei B, Yaran M, **Babak A**, Shoaie P, Ataei M. HIV and other sexually transmitted infections in women with illegal social behavior in Isfahan, Iran. *Adv Biomed Res* 2012, 1:5, DOI: 10.4103/2277-9175.94427
- 29) Nokhodian Z, Ataei B, **Babak A**, Yaran M, Pahlevani AR. Seroprevalence of Hepatitis A among Street Children, Isfahan, Iran. *Journal of Isfahan Medical School* 2012; 30,(178):1-7
- 30) Kassaian N, Adibi P, Kafashaian A, Yaran M, Nokhodian Z, Shoaie , Hassannejad R, **Babak A**, Ataei B. Hepatitis C Virus and Associated Risk Factors among Prison Inmates with History of Drug Injection in Isfahan, Iran. *IJPM Special Issue*, March 2012: s156-s161 ([PubMed](#))
- 31) Sherkat R, Shoaie P, Parvaneh N, **Babak A**, Kassaian N. Selective Antibody Deficiency and its Relation to the IgG2 and IgG3 Subclass Titers in Recurrent Respiratory Infections. *Iran. J. Immunol.* March 2013, 10 (1), 55-60
- 32) Ataei B., Zahraei S.M., Pezeshki Z., **Babak A.**, Nokhodian Z., Mobasherizadeh S., Hoseini S.G., Baseline evaluation of hand hygiene compliance in three major hospitals, Isfahan, Iran, *Journal of Hospital Infection.* 2013;85, (1) : 69-72
- 33) **Babak A**, Daneshpajouhnejad P, Davari S, Aghdak P, Pirhaji O, Jahangiri P. Quality of Life among the Elderly under the Protection of Health and Treatment Centers in Isfahan Province, Iran, and its Relationship with Depression and Body Mass Index. *Journal of Isfahan Medical School* 2016; 34 (393): 885-92
- 34) Davari S, Aghdak P, **Babak A\***. Evaluation of Health Indices among the Elderly in Isfahan Province, Iran, During 2012-2014. *Journal of Health System Research* 2016; 12 (3): 329-34
- 35) **Anahita Babak**, Ziba Farajzadegan, Mohomad Reza Massah, Kamal Heidari, Razieh Omid, Armindokht Shahsanai. Eating Behaviors among Children and Adolescents, Isfahan Province, Iran, 2015. *Journal of Isfahan Medical School* 2018; 35 (460): 1812-1822
- 36) Eizadi-Mood N, Mazroei-Sebedani S, Soltaninejad F, **Babak A**. Risk Factors Associated with Aspiration Pneumonia among the Patients with Drug Intoxication. *J Isfahan Med Sch* 2018; 36(479): 510-6.
- 37) Hoseinbor M, Vakhshoori M, **Babak A**, Givi M, Heidarpour M, Nikouei F, Shafie D, Garakyaraghi M, Sarrafzadegan N. Frequency of readmission in Iranian heart failure patients within six months after discharge and its association with guideline directed medical treatment. *Drug Invention Today* 2019; 11(11):2737-41

- 38) **Babak A**, Rouzbahani R, Khalili Nejad R, Rafiee Zadeh A. Comparison of nutritional behaviors and physical activities between overweight/obese and normal-weight adults. *Adv Biomed Res* 2019; 8:62. (PubMed)
- 39) Banitalebi M, **Babak A\***, Rouzbahani R, Khalili Nejad Motlagh R. Nutrition and Physical Activity in Iranian Dyslipidemic Patients. *Acta Medica Iranica*, 2019; 57(10): 592-7
- 40) **Babak A**, Mahdavi H, Khalilinejad R, Shamsaee S. The Prevalence of Smoking in Middle-Aged Patients with Metabolic Syndrome in Comparison with Healthy People, Isfahan City, Iran, 2018. *J Isfahan Med Sch* 2019; 37(544): 1100-5.
- 41) **Babak A**, Shamsaee S, Sharbafchi MR, Khalilinejad-Motlagh R, Ebrahimi P. The Relationship between Psychological Disorders and Diabetes Mellitus in Middle-Aged Women, Isfahan, Iran, 2015 to 2016. *J Isfahan Med Sch* 2019; 37(538): 937-42.

**Conference Presentations:**

- 1) The prevalence of malnutrition in elderly members of retirement society in Isfahan province. National Congress of Geriatrics and Gerontology .23-25 Oct 2007; Iran / Kashan.
- 2) Prevalence and correlates of depression among elderly members of retirement society in Isfahan Province. National Congress of Geriatrics and Gerontology .23-25 Oct 2007; Iran / Kashan.
- 3) Evaluation of Hand Hygiene Compliance rate among Health Care Workers in Isfahan hospitals, 2010. 4<sup>th</sup> Iranian Congress of Clinical Microbiology 9-11 November 2010, Isfahan / Iran.
- 4) Seroprevalence of *Toxoplasma gondii* infection in Isfahan province, central Iran: A population based study. 4<sup>th</sup> Iranian Congress of Clinical Microbiology 9-11 November 2010, Isfahan / Iran.
- 5) CT Findings in Novel 2009 Influenza A (H1N1) Virus Infection in Esfahan. 4<sup>th</sup> Iranian Congress of Clinical Microbiology 9-11 November 2010, Isfahan / Iran.
- 6) Clinical features of Novel 2009 Influenza A (H1N1) Infection in Isfahan. 4<sup>th</sup> Iranian Congress of Clinical Microbiology 9-11 November 2010, Isfahan / Iran.
- 7) Prevalence of hepatitis B and C infections in barbers in the Isfahan city –Iran, 2007.4<sup>th</sup> Iranian Congress of Clinical Microbiology 9-11 November 2010, Isfahan / Iran.
- 8) Hepatitis A seropositivity among fresh man medical students of Isfahan city in 2007 year. 4<sup>th</sup> Iranian Congress of Clinical Microbiology 9-11 November 2010, Isfahan / Iran.
- 9) Lymphocyte subsets in patients with unexplained recurrent pregnancy loss, in relation to pregnancy outcome after immunotherapy. XIV<sup>th</sup> Meeting Of The European Society For Immunodeficiencies (ESID), XI<sup>th</sup> Meeting of the International Patient Organization for Primary Immunodeficiencies (IPOPI ), IX<sup>th</sup> Meeting of the International nursing Group for Immunodeficiencies (INGID), 6-9 October 2010, Istanbul/ Turkey.

- 10) Ct findings in novel 2009 influenza A (H1n1) virus infection in Isfahan, Iran. European congress of clinical Microbiology and Infectious diseases (ECCMID), International congress of chemotherapy (ICC), 7-10 May 2011 Milan, Italy.
- 11) **Babak A**, Davari S, Aghdak P, Aghababaeian A. Assessment of nutritional knowledge among aging people, Isfahan, Iran ,2009-2010. Health promotion perspectives. An international Journal 2011; 1 (S): 209. The first international & 4<sup>th</sup> national congress on Health education & promotion. Tabriz, Iran May 16-19, 2011.
- 12) Daneshpajouh P, Pirhaji O. **Babak A**, Aghdak P, Davari S. Is the prevalence of type 2 diabetes mellitus related to education, marital status and urbanization in Isfahan, Iran? Health promotion perspectives. An international Journal 2011; 1 (S): 252. The first international & 4<sup>th</sup> national congress on Health education & promotion. Tabriz, Iran May 16-19, 2011.
- 13) Pirhaji O, Daneshpajouhnejad P , **Babak A**, Aghdak P, Davari S. Prevalence of depression among older people in Isfahan, Iran : A community – based study. Health promotion perspectives. An international Journal 2011; 1 (S): 297. The first international & 4<sup>th</sup> national congress on Health Education & Promotion. Tabriz, Iran May 16-19, 2011.
- 14) Daneshpajouhnejad P, Pirhaji O, **Babak A**, Davari S, Aghdak P. Association between prevalence of depression and headache in the elderly in Isfahan, Iran. 12<sup>th</sup> Students International Conference On Biomedical & Interdisciplinary Research 2011, Isfahan, Iran
- 15) Comparison of lifestyle between elderly men and women in Isfahan Province in 2010. First International Congress of Menopause & Andropause. Ahvaz,Iran Feb 25-28, 2013
- 16) Comparison of Nutritional Behaviors and Physical Activities between Overweight/Obese and Normal-Weight Adults. 5<sup>th</sup> International & 7<sup>th</sup> Iranian congress of Endocrinology and Metabolism Updates. 20-22 Nov. 2019
- 17) Evaluation of positive psychology's effect on depression, anxiety, stress and glycemic control in diabetic patients, Isfahan, 2018. 5<sup>th</sup> International & 7<sup>th</sup> Iranian congress of Endocrinology and Metabolism Updates. 20-22 Nov. 2019

**Abstracts in Journals:**

- 1) Ataei B, Nokhodian Z, **Babak A**, Shoaie P, Ataie M. Seroprevalence of Hepatitis C (HCV)Infection among street children in Isfahan, Iran. Hepatol Int (2011) 5:3-558.The 21<sup>st</sup> conference of the Asian Pacific Association for the Study of the Liver. Bangkok, Thailand February 17, 2011.
- 2) ZeidabadiNejad L, Shoaie P, **Babak A**, Yaran M. Ataei B, Forughifar M, Kassaian N. Prevalence of Hepatitis A in Iranian Patients with Chronic Hepatitis B or Hepatitis c infection. Hepatol Int (2011) 5:3-558.The 21<sup>st</sup> conference of the Asian Pacific Association for the Study of the Liver. Bangkok, Thailand February 17, 2011.
- 3) Fadaei Nobari R, Adibi P, Ataei B, Kassaian N, Meshkati M, **Babak A**, Nokhodian Z, Yaran M. Anti-HCV Positivity in Cases With History of Intravenous Drug Abuse Via Community Announcement: A Useful Experience. Hepatol Int (2011) 5:3-558.The 21<sup>st</sup> conference of the Asian Pacific Association for the Study of the Liver. Bangkok, Thailand February 17, 2011.
- 4) Ataei B, Kassaian N, Nokhodian Z, **Babak A**, Shoaie P, Meshkati M, Ataei M, Adibi P. Hepatitis C in IVDUs in Isfahan ,Iran,2008. Hepatol Int (2011) 5:3-558.The 21<sup>st</sup>



conference of the Asian Pacific Association for the Study of the Liver. Bangkok, Thailand February 17, 2011.

- 5) Ataei B, Kassaian N, Nokhodian Z, **Babak A**, Mobasherizadeh S. Hepatitis C Patients With Multi Blood Transfusion in Isfahan, Iran. *Hepato Int* (2011) 5:3-558. The 21st conference of the Asian Pacific Association for the Study of the Liver. Bangkok, Thailand February 17, 2011.
- 6) Shoaie P, Rahimi H, Yaran M, **Babak A**, Ataie M, Foroughifar M. Hepatitis A Seropositivity Among Fresh Man Medical Students, Isfahan(Iran),2007. *Hepato Int* (2011) 5:3-558. The 21st conference of the Asian Pacific Association for the Study of the Liver. Bangkok, Thailand February 17, 2011.
- 7) Shoaie P, Yaran M, **Babak A**, Ataie B, Foroughifar M, Kassaian N, Nokhodian Z, Ataie M. Prevalence of Hepatitis B and C virus in Barbers (Iran ),2007. *Hepato Int* (2011) 5:3-558. The 21st conference of the Asian Pacific Association for the Study of the Liver. Bangkok, Thailand February 17, 2011.
- 8) Sherkat R, Shoaie P, Parvaneh N, **Babak A**, Kassaian N. Comparison of Anti-pneumococcal Antibody and its Relation to IgG2 Level in Patients with Recurrent Sinopulmonary Infections and Controls Pre and Post Pneumococcal Vaccine. *Iranian J. Immunol.* (2012) 9(s): 77. The 11<sup>th</sup> International Congress of Immunology & Allergy. Tehran, Iran April 26-29, 2012