



- **Curriculum Vitae**

Title: **Mr** Medicine, Ilam University of Medical
First name: **Afra,** Sciences, Ilam, Iran.
Surname: **Khosravi,** Tel/Fax: 0098 841 334 8495
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Address: Ban Ganjab Court, Nationality: Iranian
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Career profile:

- **Position**

Associate Professor, Immunology Dept., Faculty of Medicine, Ilam University of Medical Sciences, Ilam, Iran.

Head of Immunology Dept., Faculty of Medicine, Ilam University of Medical sciences, Member of Educational Council of Ilam University of Medical Sciences
Member of Research Council of Ilam University of Medical Sciences

- **Experiments**

I have finished my PhD at the Liverpool School of Tropical Medicine in the field of Immunology and Molecular Biology. The main purpose of my PhD project, which started from May 2001, was synthesizing 4 recombinant proteins of plasmodium falciparum merozoite surface protein 2 and testing them against human immune sera in order to assess the age dependent humoral immunity responses to those antigens. I have gained the certificate for English language course from (July to September 2000) and also Diploma in human immunity (from Oct 2000 to April 2001) from University of Liverpool.

- **Molecular biology**

Making recombinant proteins (using different E.coli hosts), PCR amplification, Gel Electrophoresis, restriction endonucleases digestion, mini-preparation of DNA, ligation reaction, cloning of ligated plasmids, transformation of competent cells, expression and purification of proteins, SDS PAGE, Western Blotting, Bradford assay for concentration of protein and amplification of vector, antigen extraction, sonication, solubilization of antigens.

- **Immunology**

Working with human sera, pre adsorption of sera with lysate of E.coli, ELISA, IFAT, making monoclonal antibody using NS1 cell line and immunised mice B cells, preparation of peripheral blood leukocytes, counting the WBC, T cell cloning and proliferation.

- **Medical Parasitology**

Cultivation of malaria parasite in vitro, synchronization, Cryopreservation, microscopy detection, making crude schizont antigen, detection of intestinal parasites. Teaching medical Parasitology and Epidemiology to students of Public Health and other students.

- **Public Health**

I have been graduated in BSc of Public Health and worked in Ilam University of Medical Sciences as a Public Health technician few years. In our University I have taught students who were studying for the degree of BSc in Public Health.

- **Computer skills:**

I have attended and completed the IT courses based at the University of Liverpool Computer Centre relating to Microsoft office, Microsoft Word, Excel, PowerPoint, Access, Internet and Email applications, Endnote and some Statistics packages like Minitab and SPSS, online search and storage the new papers.

- **Communication skills**

I have good written and oral communication skills that I have gained working with students and staff from my previous job as a Lecturer and also I have had two courses based on presentation and communication skills for postgraduate students at the University of Liverpool and also I have written my thesis which made me communicate with supervisors and other relevant individuals for development of my communication and writing skills.

- **Past experiences**

I have worked at the Ilam University of Medical Sciences in Iran as a lecturer and a the director of research department from 1994 to early 2000 working at some research projects related to health system in Iran and some teaching either theoretical lectures or practical lab works. Also I've been a member of Educational, Student and research council of Ilam University of Medical sciences from 1994 to 2000. I have been the chief director of the journal of Ilam University of Medical Sciences from 1994 to 2000.

- **Research**

I have worked at research department of my university in Iran involving in some researches such as Hydatidosis in human and wild animals, Mothers and children health cares, different methods of family planning in Ilam, Iran, Evaluation of common intestinal parasites amongst school children, Study on occupational health in industrial workers, Vaccination strategy in children of Ilam and Contaminations in drinking water of rural areas of Ilam town, Iran.

- **Other Skills /abilities:**

Career Skills

Seminars presentation

Preparing handouts / reports

Data analysing using Microsoft Excel, SPSS, Microsoft Word, Endnote, Minitab, Microsoft Access and Internet search

- **Education and qualifications**

- a. 2005 until 2012: Head of Research Dept., Ilam University of Medical Sciences
- b. 2005 until now: Editor in Chief, Ilam University of Medical Sciences
- c. May 2002 to Feb 2005: PhD Project Liverpool School of Tropical Medicine, UK
- d. May 2001 to May 2002: Mphil in molecular biology and Immunology, Liverpool School of Tropical Medicine, Liverpool, UK
- e. Oct 2000 to April 2001: Diploma in Human Immunity, Immunology Dept., Faculty of Medicine, University of Liverpool
- f. July 2000 to Sept 2000: Certificate in English Language Course (Reading, Writing, Speaking, Listening, Oral presentation, Poster presentation, social English), English Language Dept., Faculty of Science, University of Liverpool, UK
- g. 1994 to early 2000: Lecturer at Ilam University of Iran
- h. 1991 to 1994: Studying for MSc at Medical Parasitology
- i. 1988(late) to 1990: Studying for BSc at Public Health and Epidemiology
- j. 1986(late) to 1988: Working at clinic as a member of Primary Health Care team
- k. 1983 to early 1986: Studying for Bachelor in Public Health and Comm. disease
- l. 1980 to 1982: High School studying for experimental sciences

- Publications- Papers

1. Elaheh Gholami Parizad, Eskandar Gholami Parizad, **Afra Khosravi**, Mansour Amraei, Azar Valizadeh, and Abdoullah Davoudian. Comparing HBV Viral Load in Serum, Cerumen, and Saliva and Correlation With HBeAg Serum Status in Patients With Chronic Hepatitis B Infection. *Hepat Mon.* In press(In press):e30385. Published online 2016 April 27. doi: 10.5812/hepatmon.30385edical
2. Ramin Shiraly , **Afra Khosravi**, Saman Farahangiz. Seroprevalence of sandfly fever virus infection in military personnel on the western border of Iran *Journal of Infection and Public Health*, Available online 24 March 2016.
3. Farajollah Maleki, Mohamad Hosein Hadadi, Fatemeh Rezaei, Hasan Reza Mohamadi, **Afra Khosravi** and Ahmad Nasser. Classification and Replication Mechanism of Staphylococcus Phage. *BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA*, April 2015. Vol. 12(1), 481-486. DOI: <http://dx.doi.org/10.13005/bbra/1689>.
4. Naser Abbasi, **Afra Khosravi**, Ali Aidy, Massoumeh Shafiei. Biphasic Response to Luteolin in MG-63 Osteoblast-Like Cells under High Glucose-Induced Oxidative Stress. *IJMS* Vol 41, No 2, March 2016.

5. MALEKI, FARAJOLLAH; **KHOSRAVI, AFRA**; NASSER, AHMAD; TAGHINEJAD, HAMID; AZIZIAN, MITRA. Bacterial Heat Shock Protein Activity. *Journal of Clinical & Diagnostic Research* . Mar2016, Vol. 10 Issue 3, p1-3. 3p.
6. **Afra Khosravi**, Sara Faryadian. Effects of prenatal exposure to different colors on offsprings mood. *Iran J Basic Med Sci* 2015; 18:1086-1092.
7. Morteza Hosseinzadeh, **Afra Khosravi**, Davood Jafari, Sedigheh Safari, Runak Kafashi, Farshad Foroughi, Arron. Evaluation of allergy and eosinophilia level in peripheral blood of patients with cardiovascular diseases. *Archives of Medical Laboratory Sciences*. 2015, Volume 1, Number 1: 11-18.
8. **Afra Khosravi**, Morteza Hosseinzadeh, Bahareh Zand, Davood Jafari, Farshad Foroughi, Arron Munggela Foma, Mehri Barabadi, Sanaz Keshavarz Shahbaz . Antibody profiling for the prognosis and diagnosis of multiple sclerosis in patients, compared with healthy subjects. *Archives of Medical Laboratory Sciences*. 2015, Volume 1, Number 1:23-29.
9. Sara Soheili ; Sobhan Ghafourian ; Zamberi Sekawi ; Vasantha Kumari Neela ; Nourkhoda Sadeghifard ; Morovat Taherikalani ; **Afra Khosravi** ; Ramliza Ramli ; Rukman Awang Hamat. The mazEF toxin–antitoxin system as an attractive target in clinical isolates of *Enterococcus faecium* and *Enterococcus faecalis*. *Drug Design, Development and Therapy*. 2015; 9: 2553-2561.
10. Abbas Maleki, **Afra Khosravi**, Sobhan Ghafourian, Iraj Pakzad, Shiva Hosseini, Rashid Ramazanzadeh, Nourkhoda Sadeghifard. High Prevalence of AmpC β -Lactamases in Clinical Isolates of *Escherichia coli* in Ilam, Iran. *Osong Public Health Res Perspect* 2015 6(3), 201e204.
11. Nourkhoda Sadeghifard, Zamberi Sekawi, **Afra Khosravi**, Nasrin Valizadeh, Sobhan Ghafourian. Epidemiological alteration in pathogens found in ground meat in Iran: unexpected predominance of vancomycin-resistant *Enterococcus faecalis*. *GMS Hygiene and Infection Control* 2015, Vol. 10, ISSN 2196-5226.
12. Farajollah Maleki, Mohamad Hosein Hadadi, Fatemeh Rezaei, Hasan Reza Mohamadi, **Afra Khosravi** and Ahmad Nasser. Classification and Replication Mechanism of Staphylococcus Phage. *BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA*, April 2015. Vol. 12(1), 481-486.
13. Padera Faryadian, Sara Faryadian, Afra Khosravi. Prenatal exposure to blue and green colors increases serum testosterone levels in male offspring rats. *Biomedical and Pharmacology Journal* 06/2014; 7(1):129-135. DOI: 10.13005/bpj/462.
14. Sara Faryadian · Amin Sydmohammadi · Afra Khosravi · Meysam Kashiri · Padera Faryadayn · Naser Abasi. Aqueous Extract of *Echium amoenum* Elevate CSF Serotonin and Dopamine Level in Depression rat. *Biomedical and Pharmacology Journal* 06/2014; 7(1):137-142.
15. Sara Faryadian · Afra khosravi · Meysam Kashiri. Prenatal and Postnatal Exposure to White and Black Colors Increase Serum Estrogen Level in Female Rat Offspring. *Biomedical and Pharmacology Journal* 06/2014; 7(1):163-168.
16. R. Jorvand · A. Khosravi · K. Saiehmiri · K. Sadeghi Rad · Sara Faryadian. Evaluating the Affected the Factors of Research in Ilam University

- of Medical Sciences During 2006-2011. *Biosciences Biotechnology Research Asia* 04/2014; 11(1):283-288. DOI:10.13005/bbra/1269.
17. Ahmad Nasser · Afra Khosravi · Mohamad taha Gomravi · Reza Azizian. The Role of T Regulatory Lymphocytes in Lymphoma. *Middle East Journal of Cancer* 03/2014; 5(2):55-66.
 18. Hossein Ali Khazae, Nazar Ali Moulaei, Seyed Nassir Aldin Tabatabaee, Amin Khazae, Afra Khosravi. The effect of cigarette smoking on immune responses of allergic rhinitis patients. *Bioscience Biotechnology Research Asia*, 2014; 11:....-....
 19. Padera Faryadian, Afra Khosravi, Sara Faryadian, Meysam Kashiri, Reza Valizadeh. The aqueous extract of *Ziziphora persica* cause positive mood on depressive rat. *Biomedical & Pharmacology Journal* 2014;7:36-39.
 20. Asghar Ashrafi Hafez, Eghbaleh Asadollahy, Mohamadreza Havasi, Jafar Panahi, Abdollah Davoudian, Mona Lotfekar, Afra Khosravi. *Journal of Paramedical Sciences*, 2014;4:37-40.
 21. Ashraf Direkvand-Moghadam · Ali Delpisheh · A. Khosravi .Epidemiology of Female Infertility; A Review of Literature. *Biosciences Biotechnology Research Asia* 12/2013; 10(2):559-567. DOI:10.13005/bbra/1165.
 22. A Direkvand-Moghadam · A Delpisheh · M Rezaeian · A Khosravi ·Factors Affecting the Labor : A Review Article. *Biomedical and Pharmacology Journal* 12/2013; 6(2):161-167. DOI:10.13005/bpj/399.
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23. · **Afra Khosravi**, Eghbaleh Asadollahy, Sobhan Ghafourian, Nourkhoda Sadeghifard, Reza Mohebi. Synthesis and evaluation of monoclonal antibody against *Plasmodium falciparum* merozoite surface antigen 2. *Asian Pacific Journal of Tropical Medicine* 2013;6:798-803.
 24. Direkvand-Moghadam A., Khosravi A. Effect of Acupressure on Post-Operative Nausea and Vomiting in Cesarean Section: A Randomised Controlled Trial. *Journal of Clinical and Diagnostic Research*. 2013 Oct, Vol-7(10): 2247-2249. DOI: 10.7860/JCDR/2013/5702.3485.
 25. Ashraf Direkvand-Moghadam, **Afra Khosravi**, Kourosh Sayehmiri. Predictive factors for preeclampsia in pregnant women: a Receiver Operation Character approach. *Arch Med Sci* 2013; DOI: 10.5114/aoms.2013.36900.
 26. R. Azizian, **A. Khosravi*** and Maryam Azizian. The Association of the Human Leukocyte Antigen (HLA) with the Pathogenesis of *Helicobacter pylori* .*JOURNAL OF PURE AND APPLIED MICROBIOLOGY*, September 2013. Vol. 7(3), p. Proof.
 27. Maryam Shohani, Nastaran Shoohani, Reza Azizian and **Afra Khosravi*** . The Impact of Probiotics and Prebiotics on Serum Levels of Allergy Associated Th1 and Th2 Cytokines. *JOURNAL OF PURE AND APPLIED MICROBIOLOGY*, September 2013. Vol. 7(3), p. 1821-1830.
 28. Jahansha Mohammadzaeh, **Afra Khosravi***, Aliaskar Rezaei. Attachment Style as a Predictor of Substance Dependency in Juvenile. *Health System Research*. 8(7); 2013:1-7.
 29. SAFIEH YOUSEFI, SEYED MOHAMMAD SAYED MIRZAEI, **AFRA KHOSRAVI** and HOSSEIN ALI KHAZAEI. Investigation of The Socio-cultural Factors Affecting the Women's Tendency Toward Cesarean Section in the Hospitals of Ilam, Iran. *Biomedical & Pharmacology Journal* Vol. 6(2), 215-220 (2013).

30. Abbas Maleki, Sobhan Ghafourian¹, Nourkhoda Sadeghifard*, Iraj Pakzad, Reza Mohebi, Shiva Hosseini, Afra Khosravi and Afshar Alihosseini. Multiplex PCR for Identification of *Vibrio cholerae* Genes. *Journal of Pure and Applied Microbiology* Vol. 6 No. 1, Mar 2012.
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31. Havasian MR, Panahi J, **Khosravi A***. Correlation between the lipid and cytokine profiles in patients with coronary heart disease (CHD) (Review article). *Life Science Journal* 2012; 9(4):5772-5777.
32. Maryam Jandagheian, **Afra Khosravi***, Mohammad Salimi, Jamil Sadeghifar, Hadi Peyman, Lida Shams. Visual, Aural, Read/Write, and Kinesthetic Learning Styles Preferences in Students of Isfahan University of Medical Sciences. *Health System Research*. 8(7); 2013: 1216-1224.
33. Fahimi Z, Cheraghi J, Pilehvarian A.A, Sayehmiri K, **Khosravi A**. Effects of *Alcea angulata* Root Alcoholic Extract on Blood Lipid of Male Rabbit. *Scientific Journal of Ilam University of Medical Sciences*, 20(2); 2013: 23-32.
34. Jahanshah Mohammadzadeh, **Afra Kosravi***, Mahnaz Akbary. Mental Health and Its Determinants among Students of Ilam University, Iran. *Health System Research*. 8(5); 2013:1-7.
35. Mami S, Eghbali M, **Khosravi A**, Salati A.P, Purmehdi Brojeni M, Mami F, Hushmandfar R. Effect of Opium Addiction on T4, T3 and TSH in Male and Female Rats. *Scientific Journal of Ilam University of Medical Sciences*, 20(2); 2013: 17-22.
36. **Afra Khosravi** (MSc, PhD), Rahmatollah Mousavi-Moghadam (MSc, PhD)*, Soghra Zarei (MD). Evaluation of Medical Ethics among patients with Nose and Abdominal Surgery. *Life Science Journal* 2012;9(4): 5778-5881.
37. Jahansha Mohammadzadeh, **Afra Khosravi***. Standardization of Kaufman cognitive neurological – clinical diagnostic tests on 7 to 11 years old children of Ilam. *Health System Research*. 8(7); 2013:1-13.
38. Direkvand-Moghadam A. and **Khosravi A***. Evaluating Shirazi (*Thymus vulgaris*) on menstrual pain using verbal multidimensional scoring system (VMS). *African Journal of Pharmacy and Pharmacology*. 2012. Vol. 6(39), pp. 2761-2766.
39. Direkvand-Moghadam A (MSc), **Khosravi A*** (MSc, PhD). Comparison of Verbal Multidimensional Scoring system (VMS) with Visual Analogue Score (VAS) for evaluating of Shirazi *Thymus Vulgaris* on menstrual pain. *JPBMS* 2012. 23(19): 1-5.
40. Bimanand L, Sayehmiri Korosh, Payman Hadi, **Khosravi Afra***. The relationship between perfectionism and depression with academic achievement among the student of Ilam university of Medical sciences. *Life Science Journal* 2012. 9(2):567-570.
41. **Afra Khosravi*** & Ebrahim Babaahmady. Epidemiology of *Fasciola Hepatica* in Iran. *International Journal of Biology*; Vol. 4, No. 4; 2012.
42. Direkvand-Moghadam A, **Khosravi A***. The impact of a novel herbal Shirazi *Thymus Vulgaris* on primary dysmenorrhea in comparison to the classical chemical Ibuprofen. *Journal of Research in Medical Sciences*, 2012, 17: 668-670.
43. Fahimi Z, Cheraghi J, Pilehvarian A.A, Sayehmiri K, **Khosravi A**. Effects of *Alcea angulata* Root Alcoholic Extract on Blood Lipid of Male Rabbit. *Scientific Journal of Ilam University of Medical Sciences*. 2012, 20(2): 23-32.

44. Mami S, Eghbali M, **Khosravi A**, Salati A.P, Purmehdi Brojeni M, Mami F, Hushmandfar R. Effect of Opium Addiction on T4, T3 and TSH in Male and Female Rats. Scientific Journal of Ilam University of Medical Sciences. 2012, 20(2): 17-22.
45. Nourkhoda Sadeghifard, Azar Valizadeh, Mohammad Reza Zolfaghary, Mohammad HossienMaleki, AbbasMaleki, RezaMohebi, Sobhan Ghafourian, and **Afra Khosravi**. Relationship between the Presence of the nalCMutation and Multidrug Resistance in Pseudomonas aeruginosa. Hindawi Publishing Corporation International Journal of Microbiology. Volume 2012, Article ID 575193, 3 pages doi:10.1155/2012/575193.
46. **Afra Khosravi***, Morteza Shamsi, Noorkhoda Sadeghifard³, Ghafourian Sobhan. Evaluation of mice, sheep and human IgG and IgE antibody responses against the mice Crude Hydatid Cyst Fluid (HCF) antigens. Journal of Cell and Animal Biology Vol. 6 (3), pp. xxx-xxx, 15 March, 2012 Available online at <http://www.academicjournals.org/JCAB> DOI: 10.5897/JCAB11.098.
47. **Afra Khosravi**, Sobhan Ghafourian, Morteza Shamsi, Nourkhoda Sadeghifard, AbbasMaleki, and Ebrahim Babaahmadi.. Cross-Reaction between the Crude Hydatid Cyst Fluid Antigens of Human and Animals Origin in Response to Human IgG Class and Subclasses. Journal of Parasitology Research, Volume 2012, Article ID 947948, 8 pages, doi:10.1155/2012/947948.
48. A. Farmany & **A. Khosravi** & S. Abbasi & J. Cheraghi & R. Hushmandfar & S. Sobhanardakani & H. Noorzadeh & S. S. Mortazavi. New kinetic-spectrophotometric method for monitoring the concentration of iodine in river and city water samples. Environ Monit Assess ,DOI 10.1007/s10661-012-2574-4.
49. **Afra Khosravi**, Hamzeh Karimi, Hadi Nourizadeh, Sajad Rezapasand and Abbas Farmani. Prediction of Relative Retention Indices of Phlomis Essential Oils:Use of QSRR Program. J. Basic. Appl. Sci. Res., 2(2)1615-1618, 2012.
50. E Gholami Parizad¹, **A Khosravi*** E, Gholami Parizad, K Sayehmiri, R Ranjbar. Detection of HBV DNA in Cerumen and Sera of Hbsag Negative Patients with Chronic Hepatitis B Infection. *Iranian Red Crescent Medical Journal*. 2012, **14**: 186-167.
51. **Afra Khosravi***, Morteza Shamsi, Noorkhoda Sadeghifard, Ghafourian Sobhan Evaluation of mice, sheep and human IgG and IgE antibody responses against the mice Crude Hydatid Cyst Fluid (HCF) antigens. Journal of Cell and Animal Biology 2012. 6 (3), pp. xxx-xxx.
52. Reza Mohebi, Sobhan Ghafourian¹, Zamberi Sekawi, **Afra Khosravi**, Elham Abouali Galehdari¹, Reza Hushmandfar, Reza Ranjbar, Abbas Maleki, Mona Mohammadzadeh, Mohammad Rahbar, Nourkhoda Sadeghifard. *In vitro and In vivo* antibacterial activity of acron herbal extract against some gram-negative and gram-positive bacteria. Romanian Journal of Microbiology and Immunology, 2011. 70(4): 148-152.
53. E Gholami Parizad, **A Khosravi***, E Gholami Parizad, N Sadeghifard, S Ghafourian.. Evaluation of Chronic Hepatitis B Infection in Patients with Seronegative HbsAg.Iranian J Publ Health, Vol. 41, No.2, Feb 2012, pp.100-104.
54. Sobhan Ghafourian, Zamberi Sekawi, Vasanthakumari Neela, **Afra Khosravi**, Mohammad Rahbar,Nourkhoda Sadeghifard. Incidence of extended-spectrum

- beta-lactamase-producing *Klebsiella pneumoniae* in patients with urinary tract infection. *Sao Paulo Med J.* 2012; 130(1):37-43.
55. **Afra Khosravi**, Hamzeh Karimi, Hadi Nourizadeh³*Sajad Rezapasand and Abbas Farmani. Prediction of Relative Retention Indices of *Phlomis* Essential Oils: Use of QSRR Program. *J. Basic. Appl. Sci. Res.*, 2(2)1615-1618, 2012.
 56. Sara Faryadian¹, **Afra Khosravi***, Hoseein Ali Safakha³ and Ali Rashidy-Pour. The influence of verapamil on the inhibitory effects of corticosterone against neuropathic pain behaviors in rats. *African Journal of Biotechnology*, 12 January, 2012 Vol. 11(4), pp. 961-967.
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 58. **Afra Khosravi***, Marcel Hommel, Koroush Sayehmiri. Age dependent immune response to *plasmodium falciparum* merozoite surface protein-2, *Parasite Immunology*, 2011, 33, 145–157.
 59. Morteza Hosseinzadeh, **Afra Khosravi***, Kouros Saki Reza Ranjbar. Evaluation of *Helicobacter pylori* infection in patients with common migraine headache. *AMS* 2011; 5(7): 844-849.
 60. Elaheh Gholami-Parizad, Morovat Taherikalani, Noor-amir Mozaffar-Sabet, Mahdi Asmar, Skandar Gholami-Parizad, **Afra Khosravi**, Mohammad Emaneini, Parisa Asadollahi. Cerumen as a potential risk for transmission of hepatitis b virus. *Acta Microbiologica et Immunologica Hungarica*, 2011; 58 (2): 105–112
 61. Abbas Maleki, Nasim Ghafourian, Sobhan Ghafourian, Iraj Pakzad Nourkhoda Sadeghifard, Zamberi Bin Sekawi, Reza Mohebi, Ali Hematian and Morteza Hosseinzadeh. , **Afra Khosravi**, Khayrolah Asadolahi, Evaluation of an Immunocapture-Agglutination Test (Brucellacapt) for Serodiagnosis of Human Brucellosis, Ilam, Iran. *WJFMS* , 3 (3), 2011: 243-246.
 62. Ebrahim Babaahmady and **Afra Khosravi*** Toxicology of baytril (enrofloxacin). *African Journal of Plant Science* Vol. 5(14), pp. 790-793, 27 November, 2011
 63. **Afra Khosravi**, Mortaza Shamsi, Ebrahim Babaahmadi, Kouros Salyemiri, Kouros Saki Cross reaction of human antibody to Hydatid Cyst Fluid antigens of human and mice. *Health System Research* 2011, 7(2); 236-246.
 64. Baba Ahmadi E, Khosravi A, Shamsi M, sayemiri K, Hooshmandfar R. Human IgG class and subclass to human crude hydatid cyst fluid antigen compared to antigen B. *Ilam Scientific J of Ilam Medical Sciences*, 2011, 19(1):10-16.
 65. Morteza Hosseinzadeh, **Afra Khosravi***, Zeinab Borji, Hoda Safaeie, Ali Delpisheh. Analysis of Antibody to *Helicobacter Pylori* in Pregnant Women with Nausea and Vomiting. *Health System Research* 2011, 7(1); 81-88.
 66. Morteza Hoseinzadeh, **Afra Khosravi***. Bahareh Kalantari, Leila Shidelzadeh, Reza Ranjbar Seroepidemiological assessment of toxoplasmosis in women with and without abortion history in Ilam. *Seroepidemiological assessment of toxoplasmosis in women with and without abortion history in Ilam. Health System Research.* 6(4); 2011.
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- Lipoprotein (a) levels in relation to other risk factors of cardiovascular diseases. *Health System Research*.2011, 6(2): 1-9.
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- **Congress**

1. Poster presentation in British Society of Parasitology (BSP), 2004, Chestre, UK “ Age dependent antibody response to MSP-2”
2. Oral presentation at ECCMID 17th Congress, Mounich 2007: “Evaluation of malaria status and immune response to *Plasmodium falciparum* MSP-2, Khosravi A. Hommel M”
3. Oral presentation at ECCMID 17th Congress, Mounich 2007: “Prevalence of *Hymenolepis nana* and other intestinal parasites as mixed infection among children in Ilam, and impact of single-dose praziquantel against *H. nana*, Kaikhavandi A. Khosravi A. Dalimi Asl A”
4. Poster presentation at ECCMID 18th Congress, Barcelona 2009: Assessment of parasitic and microbial infections in vegetables using different washing methods Khosravi A. Asadollahy E. Armani A”.
5. Oral Presentation at ECCMID 20th Congress, Vienna 2010: “ Synthesis and evaluation of 4fluoro-amodiaquine a novel antimalarial drug against sensitive and resistant strains of *Plasmodium falciparum* , Asadollahy E. O'Neill P”.
6. Poster presentation at 14th International Congress of Immunology Kobe, Japan: “The comparison of immune response factors in exercisers and non-exercisers, A. Khosravi, H. Peyman, F. Soleimani and M. M. Nahal.”

7. Poster presentation at 5th Middle East Cardiovascular Congress: "Evaluation of Sera Hemocystein levels in relation to other risk factors for cardiovascular disease. Afra Khosravi, Hadi Peiman".
8. Oral Presentation at the International Symposium on Recent Advances in Ecology and Management of Vectors and Vector Borne Diseases, 1st-3rd December, 2010 , Gwalior, India: " IgG2 and IgG3 subclass response to merozoite surface protein 2 (MSP-2) and malaria status, Afra Khosravi, Eghbaleh Asadollahy ".
9. Poster Presentation at the International Symposium on Recent Advances in Ecology and Management of Vectors and Vector Borne Diseases, 1st-3rd December, 2010 , Gwalior, India: " Comparative study of the themephus and gamabenzen hexachloride (GBHC) pediculicide treatments against head lice in the primary school children in Ilam, Iran, Gholami Parizad E, Khosravi A, Ghalosang J A".
10. Poster presentation in 21 international congress of ECCMMID in Milan, Italy 2011: "IgG class and subclass response to MSP-2 and Malaria Status" Afra Khosravi, Eghbaleh Asadollahy
11. Poster presentation at Mashahad congress of biochemistry proceeding in clinical biochemistry 2011,

- **Publications- Books**

1. Khosravi A, Hosseinzadeh M. Basic Immunology for medical Students. 2009. Vahdat Publications. Ilam, Iran.

- **Membership**

Member of British Society of Immunology since 2000

Member of British Society of Parasitology since 2004

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