

## Curriculum Vitae



Department Medical Microbiology, Faculty of Medicine,  
Hamadan University of Medical Sciences, Iran

### Personal Data:

Name: **FARID AZIZI JALILIAN**

Date of Birth: 8/26/1972

Address: DEPARTMENT OF MEDICAL MICROBIOLOGY, FACULTY OF  
MEDICINE, HAMADAN UNIVERSITY OF MEDICAL SCIENCES, HAMADAN, IRAN

Contact No: TEL/FAX: +98-8138380462, CELL: +98-9198883571

Email address: [azizijalilian@yahoo.com](mailto:azizijalilian@yahoo.com), [azizifarid@gmail.com](mailto:azizifarid@gmail.com)

### Education:

**B.Sc:** (Microbiology, 1996), Azad University, Karaj, Iran. **CGPA: 17.04/20**

**M.Sc:** (Medical Virology, 2003), Tarbiat Modarres University, Tehran, Iran.

**CGPA: 19.08/20**

**Title of M.Sc thesis:** Comparison of cellular and humoral Immunity with SCHWARZ and AIK-C measles Vaccine in nine months old infant in Ilam.

**PhD:** (Medical Virology, 2011), University Putra Malaysia, **CGPA: 3.948/4**

**Title of Ph.D thesis:** Development Of A Novel Oral Vaccine Against Human Respiratory Syncytial Virus

**Post-doc :** Medical Virology, (The use of RNA Interference as a Novel Anti-Viral agent Against Respiratory Syncytial Virus) 2012 ,University Putra Malaysia

### **Academic Qualification:**

#### **Current Position:**

- *Assistant Professor of Medical Virology, Department of Medical Microbiology, Hamadan University of Medical Sciences.*
- *Director of Research Affairs at Ilam University of Medical Sciences. (2012).*
- *Director of International affairs and universities relations(2015)*

#### **Previous Employment:**

- *Supervisor of Microbiology Laboratory in Ilam University (since 1996 -2006).*
- *Head of Biology Department, Payam Nour university, Ilam (2003-2006)*
- *Consultant of Ilam Blood Transfusion Organization, (2003-2006)*

#### **Research Interests:**

- 1) *Vaccine*
- 2) *Natural products*
- 3) *Molecular aspects of cancers*
- 4) *Molecular Diagnosis of Viruses*

#### **Research Experiences:**

- **Bacteriological experiences including:** Culture, Biochemical, Serological and Molecular Tests
- **Diagnostic:** Medical Mycology and Protozoology
- **Virological experiences including:** Cell Culture ( Different cell lines: Diploid and Cancer cells-adherent and suspension cells), Cell Cytotoxicity Assay, Virus Culture (wide range of viruses RSV, PIV, NDV, Measles, Influenza, Adeno, Rhino Virus, Dengue) Virus Titration (PFU, FFU, TCID50)
- **Animal:** Mice, Rabbit
- **Molecular:** DNA & RNA Extraction, PCR, RT-PCR, Nested –PCR, Multiplex PCR, Real Time-PCR, siRNA, SDS-PAGE, Western Blotting, IHC, cloning and expression systems including bacterial and Pichia, protein purification, nonviral and viral delivery methods.
- **Immunological:** IFA, DFA, ELISA, Bioplex, LPT, flowcytometry (basic)

## **Research activities:**

### **Inventions:**

1. Design and Construction of Green Semiautomatic Producer of Biogas and Fertilizer, 2013,81140
2. Automatic adjustable device for transmission of different volumes of fluid by pipette, 2013,81138
3. Dual-purpose oscillating and radial laboratory mixer, 2013,81142
4. Hygienic and disposable syrup spoon and other medicines and oral liquids, 2016, 90402

### **Honours, Scholarships, Prizes and Awards:**

- *A Commendation letter from president of 1st congress of Iranian Virology in 2002.*
- *A Commendation letter from president of Ilam University of medical Sciences in 2004.*
- *A Commendation letter from president of Ilam University of medical Sciences in 2006.*
- *A Commendation letter from president of Ilam University of medical Sciences in 2013.*
- *First honor student in Master 2003.*
- *Malaysian Graduate Research Fellowship (GRF) 2007-2009 (24 Months)*
- *Grant Research Assistant (GRA) 2009-2010*

### **Academic Membership of Associations:**

- 1) Member of *International society for vaccine (ISV)*
- 2) Member of *Iranian Society of Virology (ISV)*

### **Teaching Experiences:**

- *Teaching Medical Bacteriology for Medical Students.*
- *Teaching General Microbiology for Paramedical Students.*
- *Teaching Medical Virology for Medical Students.*
- *Teaching Medical Virology, Host–Pathogen Interaction, Molecular Diagnosis for Master students*

### **Patent:**

*The Newcastle Disease Virus (NDV) NP protein production in yeast (2010)*

### Gene Bank:

- 43 submitted genes (different respiratory viruses :*Metapneumovirus, Bocavirus, Enterovirus D68, Rhinovirus A, Rhinovirus C*) 2011
- 25 submitted genes (different respiratory viruses:*Coxsackievirus A6, Coxsackievirus A16, Enterovirus A71*) 2013

### Publications (Chapters in books, Books, Scientific papers, proceedings, abstracts)

#### Books:

- 1) Abdi M, Azizi Jalilian F. *notes on Medical Bacteriology. Ilam Medical University Press. Ilam, 2003.*
- 2) Gharagozli K, Azizi Jalilian F, Khoshraftar E, Amini R. *Multiple Sclerosis (MS) Treatment Methods and Anesthesia. Hamadan Medical University Press, Hamadan, 2008.*

#### Local Journals:

- 1- Abhar SS, Shahriarinnour M, Anvari M, Azizi Jalilian F. Isolation and optimization of Asparaginase producing bacteria in solid state fermentation by Plackett-Burman design. *J Shahrekord Univ Med Sci* 2016, 18(4):125-134.
- 2- Shahriarinnour M, Azizi Jalilian F, Safakhah HA. Production and optimization of kojic acid by locally isolated fungi aspergillus spp. Using response surface methodology. *Koomesh* 2016, 17(2):518-531.
- 3- Imani S, Salimian J, Panahi Y, Azizi Jalilian F, et al. Cellular and Molecular review of sulfur Mustard –induced chronic pulmonary injuries. *Journal of shahrekord University of Medical Sciences*.2015.17(4),108-119.
- 4- Heidarzadi K., **Azizi Jalilian Farid**, Rekabi AR., Amini R., Khorshidi A., Pakzad I., Taherikalani M., Hematian A., Ghobadian Z., Bouchani M. The survey of Microbial Contamination Prevalance and the Effective Factors in ILam University of Medical Sciences Student’s Toothbrushes. *Journal of Ilam University of Medical Sciences*. **2015**; 23 (1):143-150.
- 5- Amraei M., **Azizi Jalilian Farid**, Bakhtyari S., Haghani K., Shahmir P., Asadi M., Mohamadpour S. The Impact of Sugarcane’s Hydro Alcoholic Extract on the Lipid Profile in Male Rabbits. *Journal of Ilam University of Medical Sciences*. **2015**; 23 (1):105-111.
- 6- Shadan N., Issazadeh K., Shahriari Nour M., Abdolahzadeh A., **Azizi jalilian Farid**, Hasanzadeh H., Dalilan S. Synthesis of ZnO:Mg nanoparticle with sol-gel method and its antimicrobial efficacy against *Listeria Monocytogenes* PTCC 1294 (Serotype 1a). *Koomesh*. **2015**; 16 (2): 266-272.
- 7- Nekooei Fard H., Saadati M., Ebrahimi M., Olad G., **Azizi Jalilian Farid**, Salimian J, Sedighi Moghadam B., Zamanian Azodi M. Expression, extraction, purification and

- immunogenicity study of three recombinant proteins LTB, THc, BoNT/A and Comparison of produced antibody titer against them in laboratory animals. *Koomesh*. **2015**; 16 (2): 246-253.
- 8- Salimian J., Poursasan N., **Aziz Jalilian Farid**., Kokhaie P., Dalilan S. A kinetic study on changes of mouse peripheral blood lymphocyte subsets after administration of T-2 toxin. *Koomesh*. **2015**; 16 (2) :260-265
  - 9- Amir Khani A., Azizi Jalilian M., Amini R., Amir Khani A., Ashtari K., **Azizi Jalilian Farid**. Dual-purpose oscillating and radial laboratory mixer. *Journal of Ilam University of Medical Sciences*. **2014**; 22 (5): 29-34.
  - 10- Amirkhani A., Azizi Jalilian M., Amini R., Amirkhani A., Ashtari K., **Azizi Jalilian Farid**. Design and Construction of Green Semiautomatic Producer of Biogas and Fertilizer. *Journal of Ilam University of Medical Sciences*. **2014**; 22 (2):10-16.
  - 11- Naser A., **Azizi Jalilian Farid**., Azizian R., Askari H., Pakzad I. The Use of MRSA Phage as a Super Specialized Antibiotic Against Lethal Methicillin-Resistant Staphylococcus aureus. *Journal of Ilam University of Medical Sciences*. **2014**; 22 (4): 171-179.
  - 12- Amir khani A., Azizi Jalilian M., Amini R, Amir Khani A., Ashtari K, **Azizi Jalilian Farid**. Automatic adjustable device for transmission of different volumes of fluid by pipet. *Journal of Ilam university of Medical Sciences*. **2014**; 22 (4): 236-239.
  - 13- Asadollahi P., Delpisheh A., Maleki MH., **Azizi Jalilian Farid**., Alikhani MY., Asadollahi K., Soroush S., Hematian A., Emaneini M., Taherikalani M. Enterotoxin and Exfoliative Toxin Genes Among Methicillin-Resistant Staphylococcus aureus Isolates Recovered From Ilam, Iran. *Avicenna Journal of Clinical Microbiology and Infection*. **2014**; 1(2): e20208.
  - 14- Amini R., Heidari Moghadam R., Soleimani S., Madihi SV., Jahani H., Pakzad I., Heidarzadi K., Karami N., Karimi Z., Hematian A., Mohammadi J., Nazari A., Gholami Parizad E., Maleki MH., Amraei M., Shahmir P., Asadi M., **Azizi Jalilian Farid**. Disinfection and general cleaning practices used in health care centers and hospitals. *Journal of Basic Research in Medical Sciences*. **2014**; 1(3): 1-13.
  - 15- Rezaee E., Saadati M., Salimian J., Olad GH., Miri A., **Azizi Jalilian Farid**., Nazarian S. Evaluating and Comparing Immunization Level of the Recombinant proteins, Binding Domain of Tetanus Neurotoxin and B Subunit of Heat Labile Toxin of Escherichia coli, and their Relation to Immunological Memory. *Journal of Ilam University of Medical Sciences*. **2014**; 21 (7): 266-273.
  - 16- Alavi A, Salimian J, Arefpour M, Riazipour M, Poursasan N, **Azizi Jalilian Farid**. Survey of protection role of selenium in reduction of T-2 toxin effect on phagocytosis function of human neutrophil. *Journal of Shahrekord University of Medical Sciences*. **2013**; 15 (6): 167-174.
  - 17- Miri A., Salimian J., Rezai E., Olad G., Sadati M., Arefpour-Tehrani M., **Azizi Jalilian Farid**. Evaluation and comparison of immunization level between recombinant proteins of binding subunit of enterotoxigenic Escherichia coli and botulinum toxin. *Journal of Shahrekord University of Medical Sciences*. **2013**; 15 (6): 159-166.
  - 18- Zali H, Rezaei Tavirani M, **Azizi Jalilian Farid**, Khodarahmi R. Proteins expression clustering of Alzheimer disease in rat hippocampus proteome. **2013**; *Journal of Paramedical sciences*. 4 (3): 111-118.
  - 19- Zamanian Azodi M., **Azizi Jalilian Farid**. Early detection of cancer and proteomics. *Journal of Ilam University of Medical Sciences*. **2013**; 21 (1): 115-126.
  - 20- Fayazfar S., Zamanian Azodi M., Heydari Keshel S., **Azizi Jalilian Farid**. Evaluation of the cytotoxic effect of cuminum cyminum essential oils on human colon cancer cell line SW742. *Journal of Ilam University of Medical Sciences*. **2013**; 20 (5): 138-148.
  - 21- Azizian R., **Azizi Jalilian Farid**., Askari H., Naser A, Karimi S, Sadeghifard N., Mosavi Nasab SD., Ahmadi N. Bacteriophage as new candidate for the prevention and removal biofilms. *Journal of Ilam University of Medical Sciences*. **2013**; 20 (5): 84-93.

- 22- Khalesi R., Salimian J., Moazeni SM., **Azizi Jalilian Farid**. Review of Enterotoxigenic Escherichia coli bacteria vaccines. Journal of Ilam University of Medical Sciences. **2013**; 20 (4): 254-271.
- 23- **Azizi Jalilian Farid**. Review on enterotoxigenic Escherichia coli bacteria vaccines. Journal of Ilam University of Medical Sciences. **2013**; 20 (4): 254-271.
- 24- Zamanian-Azodi M., Ardeshirylajimi A., Ahmadi N., Rezaee MB., **Azizi Jalilian Farid**., Khodarahmi R. Antibacterial effects of Scrophularia striata seed aqueous extract on staphylococcus aureus. Journal of Paramedical sciences. **2013**; 4 (1): 58-63.
- 25- Akbarzadeh Baghban A., Younespour S, Jambarsang S., Yousefi M., Zayeri F., **Azizi Jalilian Farid**. How to test normality distribution for a variable: a real example and a simulation study. Journal of Paramedical Sciences. **2013**; 4 (1): 73-77.
- 26- Abbasi N., **Azizi Jalilian Farid**., Abdi M., Saifmanesh M. A Comparative Study of the Antimicrobial Effect of Scrophularia striata Boiss. Extract and Selective Antibiotics Against Staphylococcus aureus and Pesudomonas aeruginosa. Journal of Medicinal Plants. **2007**; 21
- 27- Sadeghifard N., **Azizi Jalilian Farid**., Seidkhani A., Rostamzad A. A study on contamination of E.coli and S.aureus in raw milk in Ilam during 1999 to 2003. Journal of Ilam University of Medical Sciences. **2006**; 14 (1): 44-49.
- 28- Naserifar R, Khosravi A, **Azizi Jalilian Farid**. Prevalence of Cryptosporidiosis in the children under 12 years old in Ilam province. Ilam University of Medical Sciences. **2002**; 9 (33): 7-10.
- 29- Sadeghifard N, Azizi Jalilian F, et al.1999. A study on H.pylori infections in Ilam, Iran. Journal of Ilam university of Medical sciences, 7: 17-22.
- 30- Sadeghifard N, Azizi Jalilian F, et al. 2000. Prevalence of Gastroenteritis due to Verotoxigenic E.coli in Ilam, Iran. Journal of Ilam University of Medical sciences, 8: 29-34.
- 31- Pakzad I., Azizi Jalilian F. 2001. Drug resistance mechanism towards isoniazide in mycobacterium tuberculosis considering molecular genetics. Journal of Ilam University of medical sciences. 9(31):42-46.
- 32- Sadeghifard, N, Azizi Jalilian F, et al .2002.Isolation, Verotoxin assay, and serogrouping of Verotoxigenic *E.coli* in Ilam, Iran. Journal of Shahid Sadoughi University of Medical Sciences, 10:54-58.
- 33- Basati GH, Azizi Jalilian F, Amini R ,et al.2005.Determing the relationship between the amount IL-6 and gastrointestinal cancers. Two- monthly journal in Medical& Laboratory Sciences,13:45-48.
- 34- Abasi N, Azizi Jalilian F, et al.2006. comparison of antimicrobial effect of *Scrophularia striata Boiss* extract and effective antibiotics on *Satph.aureus* and *Pseudomonas.auroginosa*. journal of herbal medicine.6(1):10-18.

## International Journals:

- 1- VK Chin, NAA Aziz, SA Hudu, NS Harmal, A Syahrilnizam, FA Jalilian, et al. Design and validation of small interfering RNA on respiratory syncytial virus M2-2 gene: A potential approach in RNA interference on viral replication. *Journal of virological methods*, 2016. 236:117-125
- 2- F Gorjikhah, F Azizi Jalalian, R Salehi, Y Panahi, A Hasanzadeh, et al. Preparation and characterization of PLGA- $\beta$ -CD polymeric nanoparticles containing methotrexate and evaluation of their effects on T47D cell line. *Artificial cells, nanomedicine, and biotechnology* (2016): 1-9.
- 3- MA Roozegar, FA Jalilian, MR Havasian, J Panahi, I Pakzad. Antimicrobial effect of Pistacia atlantica leaf extract *Bioinformatics* .2016.12 (1), 19.
- 4- A Hasanvand, S Ghafourian, M Taherikalani, F A Jalilian, N Sadeghifard, et al. Antiseptic Resistance in Methicillin Sensitive and Methicillin Resistant Staphylococcus aureus Isolates from Some Major Hospitals, Iran *Recent patents on anti-infective drug discovery* .2015.10 (2), 105-112
- 5- H Arabi, I Pakzad, A Nasrollahi, H Hosainzadegan, FA Jalilian, et al. Sulfonamide Resistance Genes (sul) M in Extended Spectrum Beta Lactamase (ESBL) and Non-ESBL Producing Escherichia coli Isolated From Iranian Hospitals. *Jundishapur journal of microbiology*, 2015.8(7)-
- 6- Azizian R., Nasser A., Askari H., Taheri Kalani M., Sadeghifard N., Pakzad I., Amini R., Mozaffari Nejad AS, Azizi Jalilian Farid. Sewage as a rich source of Phage study against Pseudomonas aeruginosa PAO. Article in Press for published in the *Biologicals*, June 2015. (DOI:10.1016/j.biologicals.2015.05.004)
- 7- Hafidh RR., Abdulmir AS., Bakar FA., Sekawi Z., Jahansheri F., Farid Azizi Jalilian. Novel antiviral activity of mung bean sprouts against respiratory syncytial virus and herpes simplex virus –1: an in vitro study on virally infected Vero and MRC-5 cell lines *BMC Complementary and Alternative Medicine*, **2015**, 15: 179 (DOI 10.1186/s12906-015-0688-2)
- 8- Azizi Jalilian Farid., Yusoff K., Suhaimi S., Amini R., Sekawi Z., Jahanshiri F. *Development of two salmonella-based oral vaccines against human respiratory syncytial virus.* *Journal of Biological Regulators and Homeostatic Agents*. **2015**, 29 (4): 7-18.
- 9- Sayehmiri F., Sayehmiri K., Asadollahi K., Soroush S., Bogdanovic L., Azizi Jalilian Farid., Emaneini M., Taherikalani M. *The prevalence rate of Porphyromonas gingivalis and its association with cancer: A systematic review and meta-analysis.* *International Journal of Immunopathology and Pharmacology*. **2015**: 1-8. (DOI: 10.1177/0394632015586144)
- 10- Taherikalani M., Mohammadzad MR., Soroush S., Maleki MH., Azizi Jalilian Farid., Pakzad I., Sadeghifard N., Asadollahi P., Emaneini M., Monjezi A., Alikhani MY. *Determining the prevalence of SCCmec polymorphism, virulence and antibiotic resistance genes among methicillin-resistant Staphylococcus aureus (MRSA) isolates collected from selected hospitals in west of Iran.* *Journal of Chemotherapy*. **2015**. (DOI: 10.1179/1973947815Y.0000000018)
- 11- Jahani H., Azizi Jalilian Farid., Wu C-Y., Kaviani S., Soleimani M., Abassi N., Ou K-L., Hosseinkhani H. *Controlled surface morphology and hydrophilicity of polycaprolactone toward selective differentiation of mesenchymal stem cells to neural like cells.* *Journal of Biomedical Materials Research Part A*. **2015**, 31 (4): 1875-1881.

- 12- Karimi S., Ghafourian S., Kalani MT., **Azizi Jalilian Farid.**, Hemati S., Sadeghifard N. Association between toxin-antitoxin systems and biofilm formation. *Jundishapur Journal of Microbiology*. **2015**, 8 (1): 1-6.
- 13- Azizian R., **Azizi Jalilian Farid.**, Sekawi Z., Amini R., Karimi S., Nasser A., Askari H., Sadeghifard N., Taherikalani M., Pakzad I. *Dynamics of Bacteriophages as a Promising Antibiofilm Agents*. *Journal of Pure and Applied Microbiology*. **2014**, 8 (2): 1015-1019.
- 14- Ling BP., **Azizi Jalilian Farid.**, Harmal NS., Yubbu P., Sekawi Z. *Detection and characterization of viruses causing hand, foot and mouth disease from children in Seri Kembangan, Malaysia*. *Tropical Biomedicine*. **2014**, 31 (4): 654–662.
- 15- Azizi M., Pakzad I., Nejad ZK., Khodayari F., Azizian R., **Azizi Jalilian Farid.**, Taherikalani M., Hamidi M., Pakzad R. *Microbiological pattern and antibiotic susceptibility of agents isolated from Nosocomial infections, staff and equipment of surgery section and ICU of imam khomainsi hospital, Ilam, Iran*. *Journal of Pure and Applied Microbiology*. **2014**, 8 (2): 1059-1064.
- 16- Azizian M., Pakzad I., Arabi H., Nasrollahi A., Hosainzadegan H., **Azizi Jalilian Farid.**, Taherikalani M., Sadeghifard N., Samadi N., Nasser A., Azizian R., Rahbar M., Mohammadzadeh N. *Prevalence of dfr, int and sul genes in cotrimoxazole resistance klebsiella pneumoniae isolated from two hospitals of Iran*. *Journal of Pure and Applied Microbiology*. **2014**, 8 (4): 2655-2658.
- 17- Yasemi M., Peyman H., Asadollahi K., Feizi A., Soroush S., Hematian A., **Azizi Jalilian Farid.**, Emameini M., Alikhani MY., Taherikalani MF. *Frequency of bacteria causing urinary tract infections and their antimicrobial resistance patterns among pediatric patients in Western Iran from 2007-2009*. *Journal of Biological Regulators and Homeostatic Agents*. **2014**, 28 (3): 443-448.
- 18- Hemati S., **Azizi Jalilian Farid.**, Pakzad I., Taherikalani M., Maleki A., Karimi S., Monjezei A., Mahdavi Z., Fadavi MR., Sayehmiri K., Sadeghifard N. *The correlation between the presence of quorum sensing, toxin-antitoxin system genes and MIC values with ability of biofilm formation in clinical isolates of Pseudomonas aeruginosa*. *Iranian Journal of Microbiology*. **2014**, 6 (3): 133-139.
- 19- Rezaei F., Nasser A., **Azizi Jalilian Farid.**, Hobbs Z., Azizian R. *Using phage as a highly specific antibiotic alternative against Methicillin Resistance Staphylococcus aureus (MRSA)*. *Biosciences Biotechnology Research Asia*. **2014**, 11 (2): 523-529.
- 20- Nasser A., Zamirnasta M., **Azizi Jalilian Farid.** *Bacterial nanoparticle as a vaccine for meningococcal disease*. *Biosciences Biotechnology Research Asia*. **2014**, 11 (2): 449-453.
- 21- Maleki MH., **Azizi Jalilian Farid.**, Khayat H., Mohammadi M., Pourahmad F., Asadollahi K., Pakzad I., Sadeghifard N., Soroush S., Emameini M., Taherikalani M. *Detection of highly ciprofloxacin resistance acinetobacter baumannii isolated from patients with burn wound infections in presence and absence of efflux pump inhibitor*. *Maedica (Buchar)*. **2014**, 9 (2): 162-167.
- 22- Maleki MH., Sekawi Z., Soroush S., **Azizi Jalilian Farid.**, Asadollahi K., Mohammadi S., Emameini M., Taherikalani M. *Phenotypic and genotypic characteristics of tetracycline resistant Acinetobacter baumannii isolates from nosocomial infections at Tehran hospitals*. *Iranian Journal of Medical Basis Sciences*. **2014**, 17 (1): 21-26.
- 23- Mohammadi S., Sekawi Z., Monjezi A., Malekia MH., Soroush S., Sadeghifard N., Pakzad I., **Azizi Jalilian Farid.**, Emameini M., Asadollahi K., Pourahmad F., Zarrilli R., Taherikalani M. *Emergence of SCCmec type III with variable antimicrobial resistant profiles and spa types among methicillin-resistant Staphylococcus aureus (MRSA), isolated from health care and community acquired (HA and CA) infections in the West of Iran*. *International Journal of Infectious Diseases*. **2014**, 25: 152-158.



- 24- Shameli k., Bin Ahmad M., Shabanzadeh P., Jaffar Al-Mulla EA., Zamanian A., Abdollahi Y., Jazayeri SD., Eili M., Azizi Jalilian Farid., Haroun RZ. Effect of Curcuma longa tuber powder extract on size of silver nanoparticles prepared by green method. Research on Chemical Intermediates. 2014, 40 (3): 1313-1325.
- 25- Azizian M., Pakzad I., Azizian R., **Azizi Jalilian Farid.**, Taherikalani M., Sadeghifard N., Kartalaie MM., Shirani R., Havasian R., Panahi J., Delpisheh A., Abassi N., Havasian, R., Panahi, J., Hasanvand, A. *Antibacterial effect of hydro-extract of Pistacia atlantica on bacteria in in vitro.* Biomedical and Pharmacology Journal. 2013, 6 (2): 133-136.
- 26- Hafidh, RR., Abdulamir AS., Abu Bakar F., **Azizi Jalilian Farid.**, Jahanshiri F., Abas F., Sekawi Z. *Novel anticancer activity and anticancer mechanisms of Brassica oleracea L. var. capitata f. rubra.* European Journal of Integrative Medicine. 2013, 5 (5): 450-464.
- 27- Babashahi M., Mehrazma M., Nasiri SJ., **Azizi Jalilian Farid.**, Rezaei-Tavirani, M. *Her2/neu expression in Wilms' tumor and correlation with histopathologic findings.* Iranian Journal of Cancer Prevention. 2013, 6 (3): 160-164.
- 28- Amini R., Abdulamir AS., Mustaffa NAB., Jahanshiri F., Ling BP., Hematian A., Taherikalani M., Amini Y., Pakzad I., Sekawi Z., **Azizi Jalilian Farid.** *Isolation and Identification of Methicillin-resistant Staphylococcus aureus (MRSA) from Nasal of College Students.* Journal of Pure and Applied Microbiology. 2013, 7 (4): 3155-3162.
- 29- Taherikalani M., Sekawi Z., **Azizi Jalilian Farid.**, Keshavarz B., Soroush S., Akbari M., Emaneini M., Asadollahi P., Maleki MH., Mohammadi S., Pakzad I., Delpisheh A., Asadollahi K. *Distribution of extended spectrum beta-lactamase (ESBL) resistance genes among nosocomial imipenem resistant A.baumannii strains harboring BLA<sub>OXA-23</sub> carbapenemases isolated from Ilam and Tehran.* Journal of Biological Regulators and Homeostatic Agents. 2013, 27(3):883-889.
- 30- Pakzad I., Hassan Hosseinzadehgan., Abtahi H., Taherikalani M., **Azizi Jalilian Farid.**, Sadeghifard N., GhafourianS., Zainli M., Jamshidzadeh P. *Human Brucellosis in Iran: Incidence, Complication, Diagnosis, Treatment and Prevention.* Journal of Pure and Applied Microbiology. 2013, 7 (2): 1177-1188.
- 31- Panahi J., Havasian MR., Pakzad I., Davudian A., **Azizi Jalilian Farid.**, *Jalilian A. In Vitro Inhibitory Effect of Alcoholic Extract of Inner Stratum of Oak Fruit (Jaft) on Candida Albicans.* Journal of Pharmaceutical Biomedical Sciences. 2013, 3 (1): 5-8.
- 32- Amini R., **Azizi Jalilian Farid.**, Abdullah S., Veerakumarasivam A., Hosseinkhani H., Abdulamir AS., Domb AJ., Ickowicz D., Rosli R. *Dynamics of PEGylated-Dextran-Spermine Nanoparticles for Gene Delivery to Leukemic Cells.* Applied Biochemistry and Biotechnology. 2013, 170 (4): 841-853.
- 33- Amini R., Sahib AA., Wong CB., Jahanshir F., Cheng C., Hematian A., Sekawi Z., **Azizi Jalilian Farid.** *Identification and screening of methicillin-resistant Staphylococcus aureus from fingernails among university students in Malaysia.* Asia Life Sciences. 2013, 22 (2): 323-340.
- 34- Amini R., **Azizi Jalilian Farid.**, Veerakumarasivam A., Abdullah S., Abdulamir AS., Nadali F., Rosli R. *Soluble Flt-1 Gene delivery in acute myeloid Leukemia cells mediating a nonviral gene carrier.* Biomedicine Research International. 2013, 1-8.
- 35- Ismail S., **Azizi Jalilian Farid.**, Talebpour AH., Zargar M., Shameli K., Sekawi Z., Jahanshiri F. *Chemical composition and antibacterial and cytotoxic activities of Allium hirtifolium Boiss.* Biomed Research International. 2013, 1-8.
- 36- Qahtan Ali S., QahtanS., Mustafa S., Yazid AM., Amini R., Sekawi Z., **Azizi Jalilian Farid.** *Enhancement Bifidobacterium pseudocatenulatum G4 adhesion properties by calcium ions.* Advances in Bioresearch. 2012, 3 (3): 33-37.

- 37- Hafidh RR., Abdulmir AS., Bakar FA., **Azizi Jalilian Farid.**, Abas F., Sekawi Z. Novel molecular, cytotoxic and immunological study on promising and selective anticancer activity of Mung bean sprouts. BMC Complementary and Alternative Medicine. **2012**, 12: 208, 1-24.
- 38- Amini R., Abdulmir AS., Chung C., Jahanshiri F., Wong CB., Poyling B., Hematian A., Sekawi Z., Zargar M., **Azizi Jalilian Farid.** Circulation and transmission of methicillin-resistant *Staphylococcus aureus* among college students in Malaysia (cell phones as reservoir). Asian Biomedicine. **2012**. 6 (5): 659-673.
- 39- Amini R., Hosseinkhani H., Abdulmir AS., Rosli R., **Azizi Jalilian Farid.** Engineered Smart Biomaterials for Gene Delivery. Gene Therapy and Molecular Biology. **2012**. 14:72-86.
- 40- Amini R., Jahanshiri F., Amini Y., Sekawi Z., **Azizi Jalilian Farid.** Detection of human corona virus strain HKU1 in a 2 years old girl with asthma exacerbation caused by acute pharyngitis. Virology Journal. **2012**. 9 : 1-4.
- 41- Amini R., Abdulmir AS., Jahanshiri F., Shan LC., Hematian A., Amini Y., Sekawi Z., **Azizi Jalilian Farid.** Isolation and Identification of Methicillin-Resistant *Staphylococcus aureus* from students' coins. African Journal of Biotechnology. **2012**. 11 (50): 11143-11149.
- 42- Pakzad I., Sadeghifard N., **Azizi Jalilian Farid.**, Hossainzadegan Hassan., Ghafouryan S. E-test antibiotic susceptibility of staphylococcus aureus strains isolated from hospital acquired infections of imam Khomeini hospital, Ilam, Iran. Prime Journal of Microbiology Research. **2012**. 2 (1): 93-98.
- 43- Amini R., Abdulmir AS., Ling BP., Jahanshiri F., Hematian A., Zargar M., Sekawi Z., **Azizi Jalilian Farid.** Isolation and Identification of Methicillin-Resistant *Staphylococcus aureus* from Keys of College Students Using Different Detection Methods. British Biotechnology Journal. **2012**. 2 (1): 13-25.
- 44- Raftar M., **Azizi Jalilian Farid.**, Abdulmir AS., Ghafurian S., Sekawi Z., Radu S., Abu Bakar F. Antibacterial activity of organic acids on *salmonella* and *Listeria*. Asia Life Sciences. **2012**. 21 (1): 13-30.
- 45- Etemadi MR., **Azizi Jalilian Farid.**, Abd Wahab N., Jahanshiri F., Amini R., Othman N., Sekawi Z. First confirmed human bocavirus infection in a child with pneumonia and pre-existing asthma in Malaysia: A case report. Medical journal of Malaysia. **2012**. 67 (4): 433-434.
- 46- Raftari M., **Azizi Jalilian Farid.**, Abdulmir AS., Ghafurian S., Radu S., Sekawi Z., Abu Bakar F. Optimized antibacterial measures against *Escherichia coli* O157:H7 and *staphylococcus aureus*. African Journal of Microbiology. **2011**. 5 (20): 3113-3121.
- 47- **Azizi Jalilian Farid.**, Jahanshiri F., Sekawi Z., Omar AB., Yusoff K. Dynamics of the bacterially expressed conserved immunogenic region of the human respiratory syncytial virus G protein. Biotechnology and applied Biochemistry **2011**. 58 (2): 97-102.
- 48- Lim SH., Jahanshiri F., **Azizi Jalilian Farid.**, Rahim RA., Sekawi Z., Yusoff K.. Glycosylation is not necessary for polyclonal antibody recognition of the F1 domain of Respiratory Syncytial Virus. Acta Virologica. **2010**. 54 (3):181-187.
- 49- Emadi M., Jahanshiri F., **Azizi Jalilian Farid.**, Kaveh K., Bejo MH., Ideris A., Assumaidae AA., Alimon RA. Immunostimulatory effects of Arginine in broiler chickens challenged with vaccine strain of Infectious Bursal Disease Virus. Journal of Animal and Veterinary Advances. **2010**. 9 (3): 594-600.
- 50- Raftari M., **Azizi Jalilian Farid.**, Abdulmir AS., Son R., Sekawi Z., Fatimah AB. Effect of organic acids on *Escherichia coli* O157:H7 and *Staphylococcus aureus* contaminated meat. The Open Microbiology Journal. **2009**. 3: 121-127.
- 51- Sulaiman AQ., **Azizi Jalilian Farid.**, Mustafa S., Sekawi Z., Ghazali HM., Hussin ASM., Yazid AM. Cholic acid resistance and the adherence ability of *Bifidobacterium pseudocaenulatum* G4. African Journal of Biotechnology. **2009**. 8 (19): 5066-5070.

- 52- Raftari M., Azizi Jalilian Farid., Abdulmir AS., Son R., Sekawi Z., Fatimah AB. Practical and Novel Sterilization Approach for the Pathogenic *Staphylococcus aureus* Bacteria. American Journal of infectious disease. 2009. 5 (4): 294-300.
- 53- Raftari M., Azizi Jalilian Farid., Abdulmir AS., Son R., Sekawy Z., Fatimah AB. Novel approaches of *E.coli* O157:H7 decontamination. Research Journal of Medical Sciences. 2009. 3M (4):158-162.
- 54- Ali QS., Azizi Jalilian Farid., Kabeir BM., Zamberi S., Shuhaimi M., Ghazali HM., Yazid AM. Adhesion properties of *Bifidobacterium pseudocaenulatum* G4 and *Bifidobacterium longum* BB536 on HT-29 human epithelium cell line at different times and Ph. World Academy of Science, Engineering and Technology. 2009. 3 (1): 113-117.
- 55- Jamehdar SA., Sabahi F., Zandi K., Shafiee A., Zadeh SF., **Azizi Jalilian Farid.** Antigen-specific lymphocyte proliferation assay and virus neutralization test for measurement of measles –specific immunity in 15-19 years old high school students in Tehran, Iran. Pakistan Journal of Biological Sciences. 2007. 10 (22): 4144-4147.
- 56- Sadeghifard N., Azizi Jalilian Farid., Zaeimi Yazdi J. A long –period survey on nosocomial infections in Ilam University hospitals, Iran. Pakistan Journal of Biological Sciences. 2006. 9 (3): 534-539.

#### Domestic Congress:

- 1) **Azizi Jalilian F.**, et al. Comparison of Cellular and Humoral Immunity induced by AIK-C and Shwarz measles strains Vaccine in 9 months old infants in Ilam, 2<sup>th</sup> Iranian congress of the Virology, 2004, Tehran, Iran.
- 2) Aivazi AA., Sadeghifard N., **Azizi Jalilian F.**, et al. Bacterial flora of American cockroach at Khomeini hospital in Ilam, Iran. 6<sup>th</sup> Iranian congress of the microbiology, 16-18 Feb 2004, Tehran, Iran.
- 3) Sadeghifard N, **Azizi Jalilian F.** et al. Isolation of VT- producing E. coli in Ilam. 4<sup>th</sup> Iranian Congress of the Microbiology, 6-8 Nov 2001, Tehran, Iran
- 4) **Azizi Jalilian F.**, Sadeghifard N., et al. Isolation of B. abortus, S. aureus and E. coli from raw milk in Ilam. 4<sup>th</sup> Iranian Congress of the Microbiology, 6-8 Nov 2001, Tehran, Iran
- 5) Sadeghifard N., **Azizi Jalilian F.**, et al. Prevalence of Nosocomial infections in Ilam hospitals. 4<sup>th</sup> Iranian congress of the microbiology, 6-8 Nov 2001, Tehran, Iran.
- 6) Sadeghifard N., **Azizi Jalilian F.**, et al. A study on H. pylori infections in Ilam, 3<sup>rd</sup> Iranian Congress of Microbiology, 22-24 Aug 2000, Hamadan, Iran

#### International Congress:

- 1- **Azizi Jalilian F.**, et al. Peer education of practical virology: outcomes and students' viewpoints. Association for Excellence in Medical Education (AEME). 2014. Lahore, Pakistan.
- 2- Roslee H., Hui Yee C., Fakurazi S., **Azizi Jalilian F.**, et al. The effect of Paracetamol on human change liver cells infected by different dengue serotypes based on liver enzyme activity. 15<sup>th</sup> International Congress on Infectious Disease (ICID). 2012, Bangkok, Thailand.
- 3- Etemadi MR., Yazdani F., **Azizi Jalilian F.**, et al. Phylogenetic analysis of human respiratory syncytial virus isolated from children with acute lower respiratory tract infections in Malaysia. 15<sup>th</sup> International Congress on Infectious Disease (ICID). 2012, Bangkok, Thailand.

- 4- Amini R., **Azizi Jalilian F.**, *et al.* A New Oral DNA Vaccine Delivered by Salmonella typhi Ty21a against Respiratory Syncytial Virus Infection. 6<sup>th</sup> Vaccine and ISV congress. 2012. Shanghai, China.
- 5- **Azizi Jalilian F.**, *et al.* A new multiepitope oral DNA vaccine delivered by salmonella typhi Ty21a against respiratory syncytial virus. 6<sup>th</sup> Vaccine and ISV congress. **2012**. Shanghai, China.
- 6- **Azizi Jalilian F.**, Jahanshiri F., Amini R., Sekawi Z., Suhaimi S.S., Yussof K. Dynamics of the bacterially expressed conserved immunogenic region of the human respiratory syncytial virus G protein Dynamics of the bacterially expressed conserved immunogenic region of the human respiratory syncytial virus G protein. 5<sup>th</sup> Vaccine Global Congress. **2011**, Seattle, USA.
- 7- Amini R., **Azizi Jalilian F.**, Jahanshiri F., Suhaimi S.S., Sekawi Z., Yussof K. Development of a novel oral DNA vaccine delivered by *Salmonella typhi Ty21a* against respiratory syncytial virus. 5<sup>th</sup> Vaccine Global Congress. **2011**, Seattle, USA.
- 8- Etemadi MR., **Azizi Jalilian F.**, *et al.* Human Rhinoviruses Among Children Hospitalised With Acute Lower Respiratory Tract Infections. 32<sup>th</sup> Annual Congress of Malaysian Pediatric association, Oct 16-17, **2010**, Malaysia.
- 9- **Azizi Jalilian F.**, Jahanshiri F., *et al.* High Level of Immune System Induction Against Respiratory Syncytial Virus Using a Multivalent DNA Vaccine Delivered by Salmonella Typhimurium TY21a. 4<sup>th</sup> Vaccine Global Congress. Oct 3-5, **2010**, Vienna, Austria.
- 10- Sulaiman AQ., **Azizi Jalilian F.**, *et al.* Adhesion and adhesion inhibition properties of Bifidobacterium strains B. longum BB536 and B. Pseudocatenulatum G4 on HT-29 epithelium cell line. (Publication) 1<sup>st</sup> European Congress of Clinical Microbiology and Infectious Diseases, May 16-19, **2009**, Helsinki, Finland.
- 11- **Azizi Jalilian F.**, *et al.* Evaluation of Measles-Specific Humoral and Cell-Mediated Immunity in Infants Aged 9 Months after Vaccination with AIK-C and Schwarz Measles Vaccine Strains, in Ilam, Iran. 16<sup>th</sup> European Congress of Clinical Microbiology and Infectious Disease, April 1-4, **2006**, Nice, France.
- 12- Sadeghifard N., **Azizi Jalilian F.**, *et al.* Study of nasal carriage rate of Staphylococcus aureus in hospital personnel in Ilam, Iran. 16<sup>th</sup> European Congress of Clinical Microbiology and Infectious Disease, April 1-4, **2006**, Nice, France.
- 13- Amell Jamedar S, Sabahi F , **Azizi Jalilian F.**, *et al.* Application of Lymphocyte Proliferation (LP) Assay and Viral Neutralization Test (VNT) For Measurement of Measles- specific Immunity. 12<sup>th</sup> International Congress of the Immunology, **2004**, Canada.
- 14- Sabahi F., **Azizi Jalilian F.**, *et al.* Comparison of cellular and humoral Immunity with SCHWARZ and AIK-C measles Vaccine in nine months old infant in Ilam. 12<sup>th</sup> International Congress of the Immunology, **2004**, Canada.
- 15- Sadeghifard N., **Azizi Jalilian F.**, *et al.* Nosocomial infections in Ilam's hospitals. 14<sup>th</sup> European Congress of Clinical Microbiology and Infectious Disease, May 1-4, **2004**, Prague, Czech Republic.

**Outside interests:**

Football, Climbing, Music, Watching Movie, Reading and Traveling

