



Curriculum Vitae

Personal Description

First Name: Iraj **Surname:** pakzad

Sex: Male

Birth date: 2/26/1972

Academic degree: Associate professor

Marital S: Married, 2 girl

Place of Birth: Sarableh city, Ilam, Iran.

Nationality: Iranian

E-mail Address: pakzad_i2006@yahoo.com, pakzadi2006@gmail.com

Tel: +98(841) 2227109

Address: Department of Microbiology, Faculty of Medicine, Ilam University of Medical Sciences, Ilam, Iran

فعالیت‌های اجرایی:

- 1- مدیر گروه علوم آزمایشگاهی از سال 83 تا 89
- 2- جانشین معاون آموزشی از سال 84 تا سال 90
- 3- مدیر آموزشی و تحصیلات تکمیلی دانشگاه بمدت 8 سال
- 4- مدیر توسعه پژوهش و ارزیابی تحقیقات دانشگاه 8 ماه
- 5- مدیر گروه میکروبی شناسی از ابتدای 94 تا کنون
- 6- جانشین معاون پژوهشی بمدت یک سال
- 7- عضو کمیسیون ماده 20
- 8- دبیر مجمع صنفی اعضای هیات علمی دانشگاه

Educational Background

B.Sc: (Microbiology, 1995), Isfahan University, Iran.

M.Sc: (Medical Mycology, 1998), Tarbit modarres university, Tehran. Iran

Title of MSc thesis: study of nitric oxide production in mouse macrophages and human monocytes following contact with *Candida albican*

PhD: Medical Bacteriology (2004), Tarbit modarres university, Tehran, Iran.

Title of PhD thesis: Evaluation of immune response against combination of recombinant L7/L12- human serum albumin fusion protein with detoxified LPS of *brucella abortus* in animal model

Current University Position:

Member of Faculty in Ilam University of Medical Sciences, and manager of department of education and postgraduate in Ilam University of Medical Sciences.

Responsibilities

- 1 Head of Microbiology Department in Ilam University of Medical Sciences (since 2003 to 2007).
- 2 Member of educational committee in Ilam University of Medical Sciences (since 2005 to now).
- 3 Member of Research committee in Ilam University of Medical Sciences (since 2005 to now).
- 4 Member of Research committee in school of medicine, Ilam University of Medical Sciences (since 2004 to now).
- 5- Member of Research committee in faculty of paramedicine, Ilam University of Medical Sciences (since 2004 to now).
- 6- Member of educational committee in school of Medicine, Ilam University of Medical Sciences (since 2004 to now).
- 7- Member of educational committee in faculty of Nursing and Midwifery, Ilam University of Medical Sciences (since 2004 to now).
- 8- Member of educational committee in faculty of Paramedicine, Ilam University of Medical Sciences (since 2004 to now).
- 9- Member of educational committee in faculty of Health, Ilam University of Medical Sciences (since 2004 to now).

Honors and Awards:

- 1) A Commendation letter from president of Faculty of medical sciences, Tarbiat Modarres University, Tehran as saliency student, 1998.
- 2) A award from INTERNATIONAL SOCIETY OF CHEMOTHERAPY (INFECTION and CANCER) as Tom Bergan Memorial Award ,ECCMID-ISC, MUNICH,Germany, 2007

Research Interest:

- 1) gene cloning and protein expression
- 2) Molecular detection of Pathogenic agents

Membership of Association:

- 1-Member of Iranian Society of Microbiology
- 2- Member of Iranian Society of clinical laboratory

Teaching Experiences:

- 1)Teaching General AND Medical Microbiology to BS,Students.
- 2) Teaching *General and special Microbiology* to M.Sc. Students.
- 3)Teaching Clinical Microbiology to Medical Students.
- 4) Teaching *special Microbiology* to Ph.D Students

Workshops Attended

ARTICLES:

PUBMED

- 1-[Acinetobacter baumannii clonal lineages I and II harboring different carbapenem-hydrolyzing- \$\beta\$ -lactamase genes are widespread among hospitalized burn patients in Tehran.](#)
Mahdian S, Sadeghifard N, **Pakzad I**, Ghanbari F, Soroush S, Azimi L, Rastegar-Lari A, Giannouli M, Taherikalani M.
J Infect Public Health. 2015 Nov-Dec;8(6):533-42. doi: 10.1016/j.jiph.2015.04.030. Epub 2015 Jun 22.
- 2-[Circulating levels of the miRNAs, miR-194, and miR-29b, as clinically useful biomarkers for colorectal cancer.](#)
Basati G, Razavi AE, **Pakzad I**, Malayeri FA.
Tumour Biol. 2015 Aug 29. [Epub ahead of print]
- 3-[Sewage as a rich source of phage study against Pseudomonas aeruginosa PAO.](#)
Azizian R, Nasser A, Askari H, Taheri Kalani M, Sadeghifard N, **Pakzad I**, Amini R, Mozaffari Nejad AS, Azizi Jalilian F.
Biologicals. 2015 Jul;43(4):238-41. doi: 10.1016/j.biologicals.2015.05.004. Epub 2015 Jun 3.
- 4-[Sulfonamide Resistance Genes \(sul\) M in Extended Spectrum Beta Lactamase \(ESBL\) and Non-ESBL Producing Escherichia coli Isolated From Iranian Hospitals.](#)
Arabi H, **Pakzad I**, Nasrollahi A, Hosainzadegan H, Azizi Jalilian F, Taherikalani M, Samadi N, Monadi Sefidan A.
Jundishapur J Microbiol. 2015 Jul 25;8(7):e19961. doi: 10.5812/jjm.19961v2. eCollection 2015 Jul.
- 5-[High Prevalence of AmpC \$\beta\$ -Lactamases in Clinical Isolates of Escherichia coli in Ilam, Iran.](#)
Maleki A, Khosravi A, Ghafourian S, **Pakzad I**, Hosseini S, Ramazanzadeh R, Sadeghifard N.
Osong Public Health Res Perspect. 2015 Jun;6(3):201-4. doi: 10.1016/j.phrp.2015.02.001. Epub 2015 Mar 14.
- 6-[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.](#)
Taherikalani M, Mohammadzad MR, Soroush S, Maleki MH, Azizi-Jalilian F, **Pakzad I**, Sadeghifard N, Asadollahi P, Emaneini M, Monjezi A, Alikhani MY.
J Chemother. 2015 May 15:1973947815Y0000000018. [Epub ahead of print]
- 7-[Study of aminoglycoside resistance genes in enterococcus and salmonella strains isolated from ilam and milad hospitals, iran.](#)
Samadi N, **Pakzad I**, Monadi Sefidan A, Hosainzadegan H, Tanomand A.
Jundishapur J Microbiol. 2015 Apr 18;8(4):e18102. doi: 10.5812/jjm.8(4)2015.18102. eCollection 2015 Apr.
- 8-[Evaluation of the antibacterial activity of the Althaea officinalis L. leaf extract and its wound healing potency in the rat model of excision wound creation.](#)
Rezaei M, Dadgar Z, Noori-Zadeh A, Mesbah-Namin SA, **Pakzad I**, Davodian E.
Avicenna J Phytomed. 2015 Mar-Apr;5(2):105-12.
- 9-[In vitro study of the long-term cortisol treatment effects on the growth rate and proliferation of the neural stem/precursor cells.](#)
Abdanipour A, Sagha M, Noori-Zadeh A, **Pakzad I**, Tiraihi T.
Neurol Res. 2015 Feb;37(2):117-24. doi: 10.1179/1743132814Y.0000000431. Epub 2014
- 10-[Incidence and Mortality of Bladder Cancer and their Relationship with Development in Asia.](#)
Pakzad R, Mohammadian-Hafshejani A, Mohammadian M, **Pakzad I**, Safiri S, Khazaei S, Salehiniya H.

Asian Pac J Cancer Prev. 2015;16(16):7365-74.

11- [Antifungal drug resistance pattern of Candida. spp isolated from vaginitis in Ilam-Iran during 2013-2014.](#)

Mohamadi J, Havasian MR, Panahi J, **Pakzad I**.

Bioinformation. 2015 Apr 30;11(4):203-6. doi: 10.6026/97320630011203. eCollection 2015.

12-[Overexpression and Enzymatic Assessment of Antigenic Fragments of Hyaluronidase Recombinant Protein From Streptococcus pyogenes.](#)

Sadoogh Abbasian S, Ghaznavi Rad E, Akbari N, Zolfaghari MR, **Pakzad I**, Abtahi H.

Jundishapur J Microbiol. 2014 Dec 9;8(1):e13653. doi: 10.5812/jjm.13653. eCollection 2015 Jan.

13-[Antibiotic Susceptibility Patterns of Extended Spectrum beta-lactamase and non Extended Spectrum beta-lactamase Pseudomonas aeruginosa Clinical Isolates.](#)

Akbariqomi M, Ghafourian S, Taherikalani M, Mohammadi S, **Pakzad I**, Sadeghifard N.

Recent Pat Antiinfect Drug Discov. 2015;10(2):128-33.

14-[Antiseptic Resistance in Methicillin Sensitive and Methicillin Resistant Staphylococcus aureus Isolates from Some Major Hospitals, Iran.](#)

Hasanvand A, Ghafourian S, Taherikalani M, Jalilian FA, Sadeghifard N, **Pakzad I**.

Recent Pat Antiinfect Drug Discov. 2015;10(2):105-12.

15-[Emergence of SCCmec type III with variable antimicrobial resistance profiles and spa types among methicillin-resistant Staphylococcus aureus isolated from healthcare- and community-acquired infections in the west of Iran.](#)

Mohammadi S, Sekawi Z, Monjezi A, Maleki MH, Soroush S, Sadeghifard N, **Pakzad I**,

Azizi-Jalilian F, Emaneini M, Asadollahi K, Pourahmad F, Zarrilli R, Taherikalani M.

Int J Infect Dis. 2014 Aug;25:152-8. doi: 10.1016/j.ijid.2014.02.018. Epub 2014 Jun 5.

16-[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.](#)

Hemati S, Azizi-Jalilian F, **Pakzad I**, Taherikalani M, Maleki A, Karimi S, Monjezei A,

Mahdavi Z, Fadavi MR, Sayehmiri K, Sadeghifard N.

Iran J Microbiol. 2014 Jun;6(3):133-9.

17-[Detection of highly ciprofloxacin resistance acinetobacter baumannii isolated from patients with burn wound infections in presence and absence of efflux pump inhibitor.](#)

Maleki MH, Jalilian FA, Khayat H, Mohammadi M, Pourahmad F, Asadollahi K, **Pakzad I**,

Sadeghifard N, Soroush S, Emaneini M, Taherikalani M.

Maedica (Buchar). 2014 Jun;9(2):162-7.

18-[Recombinant toxin-coregulated pilus A \(TcpA\) as a candidate subunit cholera vaccine.](#)

Kiaie S, Abtahi H, Mosayebi G, Alikhani M, **Pakzad I**.

Iran J Microbiol. 2014 Apr;6(2):68-73.

19-[Anti-fungal resistance in candida isolated from oral and diaper rash candidiasis in neonates.](#)

Mohamadi J, Motaghi M, Panahi J, Havasian MR, Delpisheh A, Azizian M, **Pakzad I**.

Bioinformation. 2014 Nov 27;10(11):667-70. doi: 10.6026/97320630010667. eCollection 2014.

20- [Distribution of extended spectrum beta-lactamase resistance genes among nosocomial imipenem resistant A. Baumannii strains harboring BLAoxa-23 carbapenemases isolated from Ilam and Tehran.](#)

Taherikalani M, Sekawi Z, Azizi-Jalilian F, Keshavarz B, Soroush S, Akbari M, Emaneini M,

Asadollahi P, Maleki MH, Mohammadi S, **Pakzad I**, Delpisheh A, Asadollahi K.

J Biol Regul Homeost Agents. 2013 Jul-Sep;27(3):883-9.

21-[Contribution of AcrAB efflux pump to ciprofloxacin resistance in Klebsiella pneumoniae isolated from burn patients.](#)

Pakzad I, Zayyen Karin M, Taherikalani M, Boustanshenas M, Lari AR. *GMS Hyg Infect Control*. 2013 Nov 6;8(2):Doc15. doi: 10.3205/dgkh000215. eCollection 2013.

22-[qnr Prevalence in Extended Spectrum Beta-lactamases \(ESBLs\) and None-ESBLs Producing Escherichia coli Isolated from Urinary Tract Infections in Central of Iran.](#)

Pakzad I, Ghafourian S, Taherikalani M, Sadeghifard N, Abtahi H, Rahbar M, Mansory Jamshidi N. *Iran J Basic Med Sci*. 2011 Sep;14(5):458-64.

23-[Antimicrobial resistance of nosocomial strain of Acinetobacter baumannii in Children's Medical Center of Tehran: a 6-year prospective study.](#)

Soroush S, Haghi-Ashtiani MT, Taheri-Kalani M, Emaneini M, Aligholi M, Sadeghifard N, **Pakzad I**, Abedini M, Yasemi M, Paiman H.

Acta Med Iran. 2010 May-Jun;48(3):178-84.

24-[Protection of BALB/C mice against Brucella abortus 544 challenge by vaccination with combination of recombinant human serum albumin-l7/l12 \(Brucella abortus ribosomal protein\) and lipopolysaccharide.](#)

Pakzad I, Rezaee A, Rasae MJ, Hossieni AZ, Tabbarae B, Kazemnejad A.

Roum Arch Microbiol Immunol. 2010 Jan-Mar;69(1):5-12.

25-[Immunogenicity of HSA-L7/L12 \(Brucella abortus ribosomal protein\) in an animal model.](#)

Pakzad I, Rezaee A, Rasae MJ, Tabbarae B, Delpisheh A.

Iran J Immunol. 2009 Mar;6(1):12-21. doi: IJv6i1A2.

26-[Expression of human serum albumin--L7/L12 \(Brucella abortus ribosomal protein\) fusion protein in Saccharomyces cerevisiae.](#)

Pakzad I, Rezaee A, Emaneini M, Hosseini AZ, Tabbarae B, Taherikalani M.

Pol J Microbiol. 2009;58(2):99-104.

ISI

1-Antimicrobial resistance of nosocomial strain of Acinetobacter baumannii in Children's Medical Center of Tehran: a 6-year prospective study. Acta Med Iran. 2010 May-Jun;48(3):178-84.

2-Protection of BALB/C mice against Brucella abortus 544 challenge by vaccination with combination of recombinant human serum albumin-l7/l12 (Brucella abortus ribosomal protein) and lipopolysaccharide. Roum Arch Microbiol Immunol. 2010 Jan-Mar;69(1):5-12.

3-Expression of human serum albumin--L7/L12 (Brucella abortus ribosomal protein) fusion protein in Saccharomyces cerevisiae. Pol J Microbiol. 2009;58(2):99-104.

4-Immunogenicity of HSA-L7/L12 (Brucella abortus ribosomal protein) in an animal model.Iran J Immunol. 2009 Mar;6(1):12-21.

4- **Antimicrobial Resistance of Nosocomial Strain of *Acinetobacter baumannii* in Children's Medical Center of Tehran:A 6-Year Prospective Study 2010, *Acta Medica Iranica*, Vol. 48,**

5- Novel Approach of Vaccination Against Brucella Abortus 544 Based on A Combination of fusion protein ,Human Serum Albumin, and Brucella abortus Lipopolysaccharides

2010 Journal of Biological Sciences 10(8): 767-772

6- **Occurrence of *Klebsiella oxytoca* producing extended spectrum beta-lactamases in different seasons in Ilam Hospitals, Iran 2010 :** African Journal of Microbiology Research Vol. 4(22)

7- Extended Spectrum Beta-Lactamases Among Hospitalized Patients in Surgery Wards, Ilam, Iran,2011 **journal of Microbial & Biochemical Technology, Vol. 3.1**

8- **Evaluation of an Immunocapture-Agglutination Test (Brucellacapt) for Serodiagnosis of Human Brucellosis, Ilam ,2011, world Journal of Fish and Marine SCIENCES 3(3)243-246**

9- ***qnr* Prevalence in Extended Spectrum Beta-lactamases (ESBLs) and None-ESBLs Producing *Escherichia coli* Isolated from Urinary Tract Infections in Central of Iran 2011: Iranian Journal of Basic Medical Sciences, Vol. 14, No. 5,**

10- **Cloning and Expression of the *Streptococcus pyogenes* Hyaluronidase Gene in *E.coli*, 2012 Australian Journal of Basic and Applied Sciences, 6(2)**

11- Recombinant Streptodornase Production in *Escherichia .coli* 2011:

Australian Journal of Basic and Applied Sciences, 5(12)

12- Study of antibacterial effects of ripped and raw Fig alone and in combination ,2012,5 Journal of Medicinal Plants Research

13- Polymerase chain reaction (PCR) diagnosis of human brucellosis (*l7/l12* and *16srRNA* genes) compared with immunocapture-agglutination test

(brucellapt) and common serological tests. African Journal of Microbiology Research Vol. 6(26), pp. 5490-5495, 12 July, 2012

14- Multiplex PCR for Identification of *Vibrio cholerae* Genes. JOURNAL

OF PURE AND APPLIED MICROBIOLOGY, March 2012. Vol. 6(1), p. 97-102

15-Microbiological Pattern and Antibiotic Susceptibility of Isolates from

Bronchiectasis. Journal of Pure and Applied Microbiology. Vol. 6 No. 3, Sep 2012

16-Preparation of the Silver Nanoparticle containing starch foods and evaluation of antimicrobial activity *Jundishapur Journal of Microbiology.*

2013, Volume 6, Issue 4.

17-Human Brucellosis in Iran: Incidence,Complication, Diagnosis,

Treatment and Prevention .JOURNAL OF PURE AND APPLIED

MICROBIOLOGY, June 2013. Vol. 7(2), p. 1177-1188

18- In Vitro Inhibitory Effect of Alcoholic Extract of Inner Stratum of Oak Fruit (Jaft) on *Candida Albicans* *J. Pharm. Biomed. Sci., 3(1)5-8, 2013*

19-Prevalence of *dfr*, *int* and *sul* Genes in Cotrimoxazole Resistance *Klebsiella pneumoniae* Isolated from Two Hospitals of Iran. OURNAL OF

PURE AND APPLIED MICROBIOLOGY, August 2014. Vol. 8(4), p. 2655-2658

20-Recombinant toxin-coregulated pilus A (TcpA) as a candidate subunit

cholera vaccine. *Iranian Journal of Microbiology ,Volume 6 Number 2 (April 2014) 68-73*

21-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* , Volume 6 Number 3 (June 2014) 133-139.

22- Prevalence of Hepatitis B among Blood Donors in Iran: A Systematic Review and Meta-analysis. *Asian Journal of Biological Sciences*.2014,7:2.35-46.

24-Microbiological Pattern and Antibiotic Susceptibility of Agents Isolated from Nosocomial Infections, Staff and Equipment of Surgery Section and ICU of Imam Khomani Hospital, Ilam, Iran. *Journal of Pure and Applied Microbiology*.2014, Vol. 8 No. 2.

25-Dynamics of Bacteriophages as a Promising Antibiofilm Agents. *Journal of Pure and Applied Microbiology*.2014, Vol. 8(2), p. 1015-1019

25-Molecular Characterization of AmpC b-Lactamases among *Klebsiella pneumoniae* Isolated from Ilam and Tehran Hospitals, from Iran. *Journal of Pure and Applied Microbiology*Vol.2014, 8 No. 3

26- Isolation and Identification of Methicillin-resistance *Staphylococcus aureus* (MRSA) from Nasal of College Students. *Journal of Pure and Applied Microbiology* 2014.Vol. 7 No. 4

27- Emergence of SCCmec type III with variable antimicrobial resistance 3 profiles and spa types among methicillin-resistant *Staphylococcus aureus* isolated from healthcare- and community-acquired infections 5 in the west of Iran. *International Journal of Infectious Diseases*,2014.

28- Studying the inhibitory effect of Alcoholic extract of inner Stratum of OakFruit (jaft) and hydro alcoholic extract of Summer bulb on *Acinetobacter in vitro*. *International Research Journal of Biological Sciences*. Vol. 3(6), 63-65, June (2014).

29- IN VITRO INHIBITORY EFFECT OF ALCOHOLIC AND AQUEOUS EXTRACT OF *UMBILICUS INTERMEDIUS* BOISS (NAFE VENUS) ON *STAPHYLOCOCCUS AUREUS* AND *PSEUDOMONAS AERUGINOSA*. *J of Evolution of Med and Dent Sci*. Vol. 3/ Issue 31/July 31, 2014

30- Contribution of AcrAB efflux pump to ciprofloxacin resistance in *Klebsiella pneumoniae* isolated from burn patients. *GMS Hygiene and Infection Control* 2013, Vol. 8(2),

