**Curriculum Vitae (CV)**

**Personal Description**

**نام: ایرج نام خانوادگی: پاکزاد متولد:7/12/1350 محل تولد : سرابله- استان ایلام**

**درجه علمی :استاد متاهل دارای دو فرزند مدرک تحصیلی: دکتری تخصصی میکروب شناسی پزشکی**

**ادرس: گروه میکروب شناسی-دانشکده پزشکی – دانشگاه علوم پزشکی ایلام**

**H-index**: 23 in Scopus metric **H-index**: 33 in google scholar metric

فعالیتهای اجرایی:

1. مدیر گروه علوم آزمایشگاهی از سال 83 تا 89
2. جانشین معاون آموزشی ازسال 84 تا سال 93
3. مدیر آموزشی وتحصیلات تکمیلی دانشگاه بمدت 8 سال از سال 85 تا 1393
4. مدیر توسعه پژوهش و ارزیابی تحقیقات دانشگاه بمدت یک سال از 93تا 94
5. جانشین معاون پژوهشی بمدت یکسال 93تا 94
6. مدیر گروه میکروب شناسی ازابتدای 94 تا 97
7. معاون توسعه مدیریت و منابع دانشگاه بمدت 2 سال از 97 تا 98
8. نماینده وزیر در شورای نظارت بر تشکلهای اسلامی دانشجویی
9. عضو شورای آموزشی دانشگاه
10. عضو شورای پژوهشی دانشگاه
11. عضو شورای فرهنگی دانشگاه
12. عضو کمیته اجرایی جذب هیات علمی دانشگاه
13. عضو کمیته مالی پژوهش
14. عضو کمیته سل معاونت بهداشتی
15. دبیر اجرای هفتمین کنگره میکروب شناسی ایران
16. مسول برگزاری ازمونهای دستیاری و کارشناسی ارشد از سال 85 تا 93
17. رئیس مرکز تحقیقات میکروب شناسی بالینی از سال 92-93
18. معاون مرکز تحقیقات بالینی میکروب شناسی از 93 تا 98

****

**First Name: Iraj Surname**: Pakzad

**Sex: Male**  
Birth date: **2/26/1972 Academic degree: professor**  
**Marital S: Married-2 girl Place of Birth: Sarableh, ILam, Iran.**Nationality: Iranian  
E-mail Address: [pakzad\_i2006@yahoo.com](mailto: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

**H-index**: 23 in Scopus metric **H-index**: 33 in google scholar metric

**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*brucellaabortus*in animal model

**Current University Position**:

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

**Responsibilities**

1 **Deputy Director of Management Development and Resources, 2018- 2020**

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).

10-

**Honors and Awards:**

1) A Commendation letter from president of Faculty of medical sciences, TarbiatModarres University, Tehran as saliency student, 1998.  
2) A award from INTERNATIONAL SOCIETY OF CHEMOTHERAPY(INFECTION and CANCER) asTom 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* toPh.D Students

**ARTICLES:**

PUBMED

1-[Proteomics Exploration of *Brucella melitensis* to Design an Innovative Multi-Epitope mRNA Vaccine.](https://pubmed.ncbi.nlm.nih.gov/39220468/)

Asadinezhad M, **Pakzad I**, Asadollahi P, Ghafourian S, Kalani BS.Bioinform Biol Insights. 2024 Aug 30;18:11779322241272404. doi: 10.1177/11779322241272404. eCollection 2024.PMID: 39220468 **Free PMC article.**

2- [Development of innovative multi-epitope mRNA vaccine against Pseudomonas aeruginosa using in silico approaches.](https://pubmed.ncbi.nlm.nih.gov/38189537/)

Asadinezhad M, Khoshnood S, Asadollahi P, Ghafourian S, Sadeghifard N, **Pakzad I**, Zeinivand Y, Omidi N, Hematian A, Kalani BS.Brief Bioinform. 2023 Nov 22;25(1):bbad502. doi: 10.1093/bib/bbad502.PMID: 38189537 **Free PMC article.**

3-[In vitro anti-biofilm properties of the peel of fruite wall of acorn against Streptococcus mutans.](https://pubmed.ncbi.nlm.nih.gov/37829251/)

Chavak Z, Mahdian N, **Pakzad I**, Soltani MR, Badakhsh B, Ghafourian S.GMS Hyg Infect Control. 2023 Sep 27;18:Doc23. doi: 10.3205/dgkh000449. eCollection 2023.PMID: 37829251 **Free PMC article.**

4-

[Inhibitory Effects of Carvacrol on Biofilm Formation in Colistin Heteroresistant *Acinetobacter baumannii* Clinical Isolates.](https://pubmed.ncbi.nlm.nih.gov/37779401/)

**Pakzad I**, Yarkarami F, Kalani BS, Shafieian M, Hematian A.Curr Drug Discov Technol. 2024;21(1):e280923221542. doi: 10.2174/0115701638253395230919112548.PMID: 37779401

5-[Microbiological and drug resistance patterns of bronchoalveolar lavage samples taken from hospitalized patients in Iran.](https://pubmed.ncbi.nlm.nih.gov/37680681/)

Tahmasebi Z, Asadollahi P, Sadeghifard N, Ghafourian S, Kalani BS, Kalaei EGP, **Pakzad I.**Germs. 2022 Sep 30;12(3):333-343. doi: 10.18683/germs.2022.1337. eCollection 2022 Sep.PMID: 37680681 **Free PMC article.**

6-[abkBA toxin-antitoxin system may act as antipersister modules in *Acinetobacter baumannii* clinical isolates.](https://pubmed.ncbi.nlm.nih.gov/37552216/)

Latifi F, Hashemi A, Kalani BS, **Pakzad I**, Hematian A.Future Microbiol. 2023 Jul;18:707-714. doi: 10.2217/fmb-2022-0271. Epub 2023 Aug 8.PMID: 37552216

7-

[Effect of alcohol consumption on breast cancer: probabilistic bias analysis for adjustment of exposure misclassification bias and confounders.](https://pubmed.ncbi.nlm.nih.gov/37403100/)

Pakzad R, Nedjat S, Salehiniya H, Mansournia N, Etminan M, Nazemipour M, **Pakzad I**, Mansournia MA.BMC Med Res Methodol. 2023 Jul 4;23(1):157. doi: 10.1186/s12874-023-01978-6.PMID: 37403100 **Free PMC article.**

8-[High prevalence of mental disorders: a population-based cross-sectional study in the city of Ilam, Iran.](https://pubmed.ncbi.nlm.nih.gov/37383610/)

Kakaei H, Maleki F, Biderafsh A, Valizadeh R, Mansournia MA, **Pakzad I**, Pakzad R.Front Psychiatry. 2023 Jun 13;14:1166692. doi: 10.3389/fpsyt.2023.1166692. eCollection 2023.PMID: 37383610 **Free PMC article.**

9-[Worldwide Prevalence of Colistin Resistance among Enterobacteriaceae: a Systematic Review and Meta-Analysis.](https://pubmed.ncbi.nlm.nih.gov/37057940/)

Latifi F, Pakzad R, Asadollahi P, Hematian A, **Pakzad I.**Clin Lab. 2023 Apr 1;69(4). doi: 10.7754/Clin.Lab.2022.220646.PMID: 37057940 Review.

10-[Prevalence, diagnosis, and manifestations of brucellosis: A systematic review and meta-analysis.](https://pubmed.ncbi.nlm.nih.gov/36619963/)

Khoshnood S, Pakzad R, Koupaei M, Shirani M, Araghi A, Irani GM, Moradi M, **Pakzad I**, Sadeghifard N, Heidary M.Front Vet Sci. 2022 Dec 22;9:976215. doi: 10.3389/fvets.2022.976215. eCollection 2022.PMID: 36619963 **Free PMC article.**

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11-[Docosahexaenoic acid-loaded chitosan/alginate membrane reduces biofilm formation by *P. aeruginosa* and promotes MSC-mediated burn wound healing.](https://pubmed.ncbi.nlm.nih.gov/36189675/)

Ghaneialvar H, Kayumov A, Aboualigalehdari E, **Pakzad I**, Tanideh N, Abbasi N, Haddadi MH.J Biomater Appl. 2023 Mar;37(8):1458-1469. doi: 10.1177/08853282221131130. Epub 2022 Oct 3.PMID: 36189675

12-[Molecular Epidemiology and Recycling of *Staphylococcus aureus* Resistant to Methicillin Among the Staff, Patients, and Surfaces in University Hospital in West Iran, Ilam.](https://pubmed.ncbi.nlm.nih.gov/36173060/)

Ghanbari F, Nourmoradi H, Nazari A, Sadeghifard N, **Pakzad I**, Soroush S, Ashrafi B, Taherikalani M.Infect Disord Drug Targets. 2023;23(1):e280922209259. doi: 10.2174/1871526522666220928145550.PMID: 36173060

13-[Prevalence of Pediculosis Among Primary School-Aged Students in Iran: an Updated Comprehensive Systematic Review and Meta-Analysis.](https://pubmed.ncbi.nlm.nih.gov/36166587/)

Akbari M, Sheikhi S, Rafinejad J, Akbari MR, **Pakzad I**, Abdi F, Pakzad R, Aivazi AA.J Med Entomol. 2022 Nov 16;59(6):1861-1879. doi: 10.1093/jme/tjac117.PMID: 36166587

14-[COVID-19 Mass Vaccination and Flu Season: Concern for Decreased Public Health Measures and Worsening the Influenza Situation.](https://pubmed.ncbi.nlm.nih.gov/36056829/)

Kenarkoohi A, Mohamadi J, **Pakzad I**, Sayyadi H, Falahi S.Infect Disord Drug Targets. 2023;23(1):e030922208520. doi: 10.2174/1871526522666220903145208.PMID: 36056829

15-[In Vitro and In Silico Investigation of some Type II TA Genes in H. Pylori.](https://pubmed.ncbi.nlm.nih.gov/35975492/)

Hoseini S, Kalani BS, Ghafourian S, Maleki A, Asadollahi P, Badakhsh B, **Pakzad I.**Clin Lab. 2022 Aug 1;68(8). doi: 10.7754/Clin.Lab.2021.211002.PMID: 35975492

16-[*In silico* Study of the Proteins Involved in the Persistence of *Brucella* spp.](https://pubmed.ncbi.nlm.nih.gov/35929636/)

Asadollahi P, Sadeghifard N, Kazemian H, **Pakzad I**, Kalani BS.Curr Drug Discov Technol. 2023;20(1):e050822207324. doi: 10.2174/1570163819666220805161821.PMID: 35929636

17-[Inhibitory Effects of Carvacrol on Biofilm Formation and Expression of Biofilm Related Genes in Clinical Isolates of Enterococcus faecalis.](https://pubmed.ncbi.nlm.nih.gov/35704732/)

Yarkarami F, Kazemian H, Sadeghifard N, Pakzad R, Jalilian FA, Asadollahi P, Hematian A, **Pakzad I.**Clin Lab. 2022 Jun 1;68(6). doi: 10.7754/Clin.Lab.2021.210853.PMID: 35704732

18-[The prevalence of gonococcal and non-gonococcal infections in women referred to obstetrics and gynecology clinics.](https://pubmed.ncbi.nlm.nih.gov/35693060/)

Kazemian H, Zarandi MK, Zargoush Z, Ghafourian S, Sadeghifard N, Jalilian A, Shafieian M, **Pakzad I.**Infez Med. 2022 Jun 1;30(2):247-253. doi: 10.53854/liim-3002-10. eCollection 2022.PMID: 35693060 **Free PMC article.**

19-[Effect of Chlorhexidine (CHX) and Hydrogen Peroxide (H2O2) on the Biofilm Formation of Enterococcus faecalis.](https://pubmed.ncbi.nlm.nih.gov/35443583/)

Bayatipour Z, Sadeghifard N, Ghafourian S, Kalani BS, Asadollahi P, Azizi-Jalilian F, **Pakzad I.**Clin Lab. 2022 Apr 1;68(4). doi: 10.7754/Clin.Lab.2021.210458.PMID: 35443583

20-[COVID-19 Vaccination, Peltzman Effect and Possible Increase in Highrisk Behaviors: A Growing Concern Related to Risk Compensation and Reduced Compliance to Public Health Protective Measures after Vaccines Rollout.](https://pubmed.ncbi.nlm.nih.gov/35440338/)

Falahi S, Mohamadi J, Sayyadi H, **Pakzad I**, Rashidi A, Naserifar R, Abdi J, Kenarkoohi A.Infect Disord Drug Targets. 2022;22(8):8-12. doi: 10.2174/1871526522666220419133849.PMID: 3544033Top of Form

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21-[Worldwide prevalence of fungal coinfections among COVID-19 patients: a comprehensive systematic review and meta-analysis.](https://pubmed.ncbi.nlm.nih.gov/35255675/)

Soltani S, Zandi M, Faramarzi S, Shahbahrami R, Vali M, Rezayat SA, Pakzad R, Malekifar P, **Pakzad I**, Jahandoost N, Moludi J.Osong Public Health Res Perspect. 2022 Feb;13(1):15-23. doi: 10.24171/j.phrp.2021.0293. Epub 2022 Feb 8.PMID: 35255675 **Free PMC article.**

22-[In silico Investigation of Lon Protease as a Promising Therapeutic Target.](https://pubmed.ncbi.nlm.nih.gov/35042266/)

Asadollahi P, **Pakzad I**, Ghafourian S, Kazemian H, Fatahi R, Sadeghifard N, Kalani BS.Drug Res (Stuttg). 2022 Apr;72(4):180-188. doi: 10.1055/a-1713-3137. Epub 2022 Jan 18.PMID: 35042266 **Free article.**

23-[Pooled Prevalence Estimate of Ocular Manifestations in COVID-19 Patients: A Systematic Review and Meta-Analysis.](https://pubmed.ncbi.nlm.nih.gov/35017772/)

Soltani S, Zandi M, Ahmadi SE, Zarandi B, Hosseini Z, Akhavan Rezayat S, Abyadeh M, **Pakzad I**, Malekifar P, Pakzad R, Mozhgani SH.Iran J Med Sci. 2022 Jan;47(1):2-14. doi: 10.30476/ijms.2021.89475.2026.PMID: 35017772 **Free PMC article.**

24-[Effect of gestational diabetes mellitus on lipid profile: A systematic review and meta-analysis.](https://pubmed.ncbi.nlm.nih.gov/34993347/)

Rahnemaei FA, Pakzad R, Amirian A, **Pakzad I**, Abdi F.Open Med (Wars). 2021 Dec 15;17(1):70-86. doi: 10.1515/med-2021-0408. eCollection 2022.PMID: 34993347 **Free PMC article.**

25-[Worldwide prevalence of microbial agents' coinfection among COVID-19 patients: A comprehensive updated systematic review and meta-analysis.](https://pubmed.ncbi.nlm.nih.gov/34851526/)

Pakzad R, Malekifar P, Shateri Z, Zandi M, Akhavan Rezayat S, Soleymani M, Karimi MR, Ahmadi SE, Shahbahrami R, **Pakzad I**, Abdi F, Farahani A, Soltani S, Kesheh MM, Hosseini P.J Clin Lab Anal. 2022 Jan;36(1):e24151. doi: 10.1002/jcla.24151. Epub 2021 Dec 1.PMID: 34851526 **Free PMC article.**

26-[Survey on phenotypic resistance in Enterococcus faecalis: comparison between the expression of biofilm-associated genes in Enterococcus faecalis persister and non-persister cells.](https://pubmed.ncbi.nlm.nih.gov/34751916/)

Kaviar VH, Khoshnood S, Asadollahi P, Kalani BS, Maleki A, Yarahmadi S, **Pakzad I.**Mol Biol Rep. 2022 Feb;49(2):971-979. doi: 10.1007/s11033-021-06915-8. Epub 2021 Nov 9.PMID: 34751916

27-[Viral Coinfection among COVID-19 Patient Groups: An Update Systematic Review and Meta-Analysis.](https://pubmed.ncbi.nlm.nih.gov/34485513/)

Malekifar P, Pakzad R, Shahbahrami R, Zandi M, Jafarpour A, Rezayat SA, Akbarpour S, Shabestari AN, **Pakzad I**, Hesari E, Farahani A, Soltani S.Biomed Res Int. 2021 Sep 3;2021:5313832. doi: 10.1155/2021/5313832. eCollection 2021.PMID: 34485513 **Free PMC article.**

28-[Environmental Surface Contamination with SARS-CoV-2: Toilets as the Most Contaminated Surfaces in COVID-19 Referral Hospital.](https://pubmed.ncbi.nlm.nih.gov/34445942/)

Falahi S, Bastani E, **Pakzad I**, Rashidi A, Abdoli A, Kenarkoohi A.Hosp Top. 2023 Apr-Jun;101(2):65-72. doi: 10.1080/00185868.2021.1969870. Epub 2021 Aug 27.PMID: 34445942

29-[Pathogenic bacteria in cheese, raw and pasteurised milk.](https://pubmed.ncbi.nlm.nih.gov/34390532/)

Bastam MM, Jalili M, **Pakzad I**, Maleki A, Ghafourian S.Vet Med Sci. 2021 Nov;7(6):2445-2449. doi: 10.1002/vms3.604. Epub 2021 Aug 14.PMID: 34390532 **Free PMC article.**

30-[Bacterial coinfection among coronavirus disease 2019 patient groups: an updated systematic review and meta-analysis.](https://pubmed.ncbi.nlm.nih.gov/34226847/)

Soltani S, Faramarzi S, Zandi M, Shahbahrami R, Jafarpour A, Akhavan Rezayat S, **Pakzad I**, Abdi F, Malekifar P, Pakzad R.New Microbes New Infect. 2021 Sep;43:100910. doi: 10.1016/j.nmni.2021.100910. Epub 2021 Jul 1.PMID: 34226847 **Free PMC article.**

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31-[Simultaneous Molecular Detection of Common Bacterial Enteropathogens in Children with Diarrhea by Multiplex-PCR Assay.](https://pubmed.ncbi.nlm.nih.gov/34107632/)

Amanpour Z, Kouhsari E, **Pakzad I**, Kenarkoohi A, Sadeghifard N.Clin Lab. 2021 Jun 1;67(6). doi: 10.7754/Clin.Lab.2020.201046.PMID: 34107632

32-[Comparison of toxin-antitoxin expression among drug-susceptible and drug-resistant clinical isolates of Mycobacterium tuberculosis.](https://pubmed.ncbi.nlm.nih.gov/33966258/)

Kazemian H, Heidari H, Kardan-Yamchi J, Ghafourian S, **Pakzad I**, Kouhsari E, Valadbeigi H, Sadeghifard N.Adv Respir Med. 2021;89(2):110-114. doi: 10.5603/ARM.a2021.0033.PMID: 33966258 **Free article.**

33- [COVID-19 associated central nervous system manifestations, mental and neurological symptoms: a systematic review and meta-analysis.](https://pubmed.ncbi.nlm.nih.gov/33618441/)

Soltani S, Tabibzadeh A, Zakeri A, Zakeri AM, Latifi T, Shabani M, Pouremamali A, Erfani Y, **Pakzad I**, Malekifar P, Valizadeh R, Zandi M, Pakzad R.Rev Neurosci. 2021 Jan 13;32(3):351-361. doi: 10.1515/revneuro-2020-0108. Print 2021 Apr 27.PMID: 33618441 **Free article.**

34-  [Sub-minimum inhibitory concentrations of biocides induced biofilm formation in *Pseudomonas aeruginosa*.](https://pubmed.ncbi.nlm.nih.gov/33240514/)

Hemati S, Kouhsari E, Sadeghifard N, Maleki A, Omidi N, Mahdavi Z, **Pakzad I.**New Microbes New Infect. 2020 Oct 19;38:100794. doi: 10.1016/j.nmni.2020.100794. eCollection 2020 Nov.PMID: 33240514 **Free PMC article.**

35 -[Multiple-Locus Variable-Number Tandem-Repeat Analysis Genotyping of Brucella Isolates from Iran.](https://pubmed.ncbi.nlm.nih.gov/33073952/)

Moradkasani S, Jazi FM, Sadeghifard N, Kouhsari E, Kalani BS, **Pakzad I.**Clin Lab. 2020 Oct 1;66(10). doi: 10.7754/Clin.Lab.2020.200119.PMID: 33073952

36-  [Hospital indoor air quality monitoring for the detection of SARS-CoV-2 (COVID-19) virus.](https://pubmed.ncbi.nlm.nih.gov/32805566/)

Kenarkoohi A, Noorimotlagh Z, Falahi S, Amarloei A, Mirzaee SA, **Pakzad I**, Bastani E.Sci Total Environ. 2020 Dec 15;748:141324. doi: 10.1016/j.scitotenv.2020.141324. Epub 2020 Jul 29.PMID: 32805566 **Free PMC article.**

37-[Asymptomatic carriers of *Neisseria meningitidis* and *Moraxella catarrhalis* in healthy children.](https://pubmed.ncbi.nlm.nih.gov/32514361/)

Maleki A, Mirnaseri Z, Kouhsari E, Taherikalani M, **Pakzad I**, Mohammadi J, Sadeghifard N.New Microbes New Infect. 2020 May 8;36:100691. doi: 10.1016/j.nmni.2020.100691. eCollection 2020 Jul.PMID: 32514361 **Free PMC article.**

38- [The characterization of bacterial communities of oropharynx microbiota in healthy children by combining culture techniques and sequencing of the 16S rRNA gene.](https://pubmed.ncbi.nlm.nih.gov/32135220/)

Maleki A, Zamirnasta M, Taherikalani M, **Pakzad I**, Mohammadi J, Krutova M, Kouhsari E, Sadeghifard N.Microb Pathog. 2020 Jun;143:104115. doi: 10.1016/j.micpath.2020.104115. Epub 2020 Mar 3.PMID: 32135220

39- [Pattern of Antibacterial Resistance in Urinary Tract Infections: A Systematic Review and Meta-analysis.](https://pubmed.ncbi.nlm.nih.gov/32133087/)

Mortazavi-Tabatabaei SAR, Ghaderkhani J, Nazari A, Sayehmiri K, Sayehmiri F, **Pakzad I.**Int J Prev Med. 2019 Oct 9;10:169. doi: 10.4103/ijpvm.IJPVM\_419\_17. eCollection 2019.PMID: 32133087 **Free PMC article.** Review.

40- [Rapid and direct molecular detection of *Streptococcus pneumoniae* and *Haemophilus influenzae* isolated in oropharynx and nasal cavity of children.](https://pubmed.ncbi.nlm.nih.gov/32021693/)

Maleki A, Mansournia F, Ghafourian S, Taherikalani M, **Pakzad I**, Mohammadi J, Kouhsari E, Mahmoudi M, Sadeghifard N.New Microbes New Infect. 2019 Dec 10;33:100632. doi: 10.1016/j.nmni.2019.100632. eCollection 2020 Jan.PMID: 32021693 **Free PMC article.**

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Moradkasani S, Kouhsari E, Jazi FM, Kalani BS, **Pakzad I.**Infect Disord Drug Targets. 2021;21(1):38-42. doi: 10.2174/1871526520666200117113420.PMID: 31957618

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Gheitasi R, Jourghasemi S, **Pakzad I**, Hosseinpour Sarmadi V, Samieipour Y, Sekawi Z, Azizi Jalilian F.Mol Biol Rep. 2019 Dec;46(6):6495-6500. doi: 10.1007/s11033-019-05095-w. Epub 2019 Oct 8.PMID: 31595441

43-[Phenotypic and Genotypic Characterization of ESBL-, AmpC-, and Carbapenemase-Producing Klebsiella pneumoniae and Escherichia coli Isolates.](https://pubmed.ncbi.nlm.nih.gov/30995662/)

Kazemian H, Heidari H, Ghanavati R, Ghafourian S, Yazdani F, Sadeghifard N, Valadbeigi H, Maleki A, **Pakzad I.**Med Princ Pract. 2019;28(6):547-551. doi: 10.1159/000500311. Epub 2019 Apr 16.PMID: 30995662 **Free PMC article.**

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Nasser A, Azizian R, Tabasi M, Khezerloo JK, Heravi FS, Kalani MT, Sadeghifard N, Amini R, **Pakzad I**, Radmanesh A, Jalilian FA.Osong Public Health Res Perspect. 2019 Feb;10(1):20-24. doi: 10.24171/j.phrp.2019.10.1.05.PMID: 30847267 **Free PMC article.**

45- [What about Urinary Tract Infections and its Antibiotic Resistance Bacteria in Ilam, Iran?](https://pubmed.ncbi.nlm.nih.gov/29932037/)

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