



## خلاصه سوابق علمی (CV)

نام، نام خانوادگی: محمد یوسف علیخانی رتبه علمی: استاد

تاریخ تولد: ۱۳۴۳ گروه آموزشی: میکروبی شناسی

آدرس و تلفن محل کار: خیابان شهید فهمیده، روبروی پارک مردم، دانشگاه علوم پزشکی همدان  
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سوابق تحصیلی دانشگاهی به ترتیب تاریخ اخذ مدرک:

ردیف	مدرک تحصیلی	رشته تحصیلی	نام دانشگاه	محل دانشگاه
۱	لیسانس	علوم آزمایشگاهی	دانشگاه آزاد	ایران-تبریز
۲	فوق لیسانس	میکروبیولوژی	انستیتو پاستور ایران	ایران-تهران
۳	PhD	میکروبیولوژی	دانشگاه علوم پزشکی	ایران-تهران

سوابق اجرایی دانشگاهی:

۱. مدیر گروه میکروبی شناسی از ۱۳۸۸ تا ۱۳۹۰
۲. مدیر گروه میکروبی شناسی از ۱۳۹۴ تا .....
۳. مدیر امور تحقیقات دانشگاه از ۱۳۹۱ - ....

جوایز تشویق ها و تقدیرها:

۱. محقق برتر استان ۲۰۱۱
۲. محقق برتر دانشگاه ۲۰۱۰
۳. محقق برتر دانشگاه ۲۰۱۳
۴. محقق برتر دانشگاه ۲۰۱۴
۵. مدرس برتر دانشگاه ۲۰۱۵

عضویت در انجمن ها و مجامع علمی :

۱. انجمن میکروب شناسی ایران
۲. عضو مرکز تحقیقات بروسلوز

عضویت در کمیته ها و شوراهای:

۱. عضو هیئت تحریریه مجله علمی دانشگاه
۲. سردبیه مجله **Avicenna Journal Of Clinical Microbiology and Infection (AJCMI)**
۳. مدیر مسئول مجله علمی پژوهان

کتاب منتشر شده:

۱. میکروب شناسی پزشکی جاوتز ۲۰۰۴ (باکتری شناسی)-ترجمه-انتشارات سماط ۱۳۸۳
۲. میکروب شناسی پزشکی جاوتز ۲۰۰۴ (ویروس شناسی)-ترجمه-انتشارات سماط ۱۳۸۵
۳. میکروب شناسی پزشکی جاوتز ۲۰۰۷ (باکتری شناسی)-ترجمه-انتشارات سماط ۱۳۸۷
۴. میکروب شناسی پزشکی جاوتز ۲۰۰۷ (ویروس شناسی)-ترجمه-انتشارات سماط ۱۳۸۷
۵. میکروب شناسی واکر-ترجمه-انتشارات خسروی ۱۳۸۶
۶. نگاهی به PCR-تالیف-دانشگاه علوم پزشکی همدان ۱۳۸۰
۷. میکروب شناسی پزشکی-تالیف-دانشگاه علوم پزشکی همدان ۱۳۹۲

مقالات منتشر شده در مجلات:

1. Safari, M., Mozaffari Nejad, A.S., Bahador, A., Jafari, R., **Alikhani, M.Y.** Document Prevalence of ESBL and MBL encoding genes in *Acinetobacter baumannii* strains isolated from patients of intensive care units (ICU). **Saudi Journal of Biological Sciences**. 2015; Volume 22, Issue 4, 1 July 2015, Pages 424-429
2. Roointan, A., Shabab, N., Karimi, J., **Alikhani, M.Y.**, saidijam, M. Designing a bacterial biosensor for detection of mercury in water solutions. **Turkish Journal of Biology**. Volume 39, Issue 4, 6 July 2015, Pages 550-555
3. Mahmoudi, H., Arabestani, M.R., Mousavi, S.F., Ghafel, S., **Alikhani, M.Y.** Study of polymorphism spa gene (encoding protein A) of *Staphylococcus aureus* in clinical isolates and nasal carriers. *Tehran University Medical Journal*. Volume 73, Issue 1, 2015, Pages 24-30
4. Beheshti-Rouy, M., Azarsina, M., Rezaie-Soufi, **Alikhani, M.Y.**, Roshanaie, G., Komaki, S. The antibacterial effect of sage extract (*Salvia officinalis*) mouthwash against *Streptococcus mutans* in dental plaque: A randomized clinical trial. *Iranian Journal of Microbiology*. Volume 7, Issue 3, 1 June 2015, Pages 173-177.

5. Arabestani, M.R., Rastiany, S., Mousavi, S.F., Ghafel, S., **Alikhani, M.Y.** Identification of toxic shock syndrom and exfoliative toxin genes of staphylococcus aureus in carrier persons, resistant and susceptible methicillin. *Tehran University Medical Journal*. Volume 73, Issue 8, November 2015, Pages 554-560
6. Sedighi, I., **Alikhani, M.Y.**, Ramezani, S., Nazari, M., Nejad, A.S.M. Bacterial contamination of mobile phones of health care providers in a teaching hospital in Hamadan Province, Iran. *Archives of Clinical Infectious Diseases*. Volume 10, Issue 2, 2015, Article number e22104, 4p.
7. Sayehmiri, F., Kiani, F., Sayehmiri, K., Soroush, S., Asadollahi, K., **Alikhani, M.Y.**, Delpisheh, A., Emaneini, M.<sup>f</sup>, Bogdanović, L., Varzi, A.M., Zarrilli, R.<sup>g</sup>, Taherikalani, M. Prevalence of caga and vaca among helicobacter pylori-infected patients in iran: A systematic review and meta-analysis. *Journal of Infection in Developing Countries*. Volume 9, Issue 7, 1 July 2015, Pages 686-696
8. Mamani, M., Nobari, N., **Alikhani, M.Y.**, Poorolajal, J. Antibacterial susceptibility of Escherichia coli among outpatients with community-acquired urinary tract infection in Hamadan, Iran. *Journal of Global Antimicrobial Resistance*. Volume 3, Issue 1, 1 March 2015, Pages 40-43
9. Arabestani, M.R., Rajabpour, M., Yousefi Mashouf, R., **Alikhani, M.Y.**, Mousavi, S.M. Expression of efflux pump MexAB-OprM and OprD of Pseudomonas aeruginosa strains isolated from clinical samples using qRT-PCR. *Archives of Iranian medicine*. Volume 18, Issue 2, 1 February 2015, Pages 102-108.
10. Karami, M., **Alikhani, M.Y.** Serotype replacement and nasopharyngeal carriage due to the introduction of new pneumococcal conjugate vaccine to national routine immunization. *Jundishapur Journal of Microbiology*. Volume 8, Issue 10, 17 October 2015, Article number e24807, 1p
11. Kazemi, S., Saidijam, M., Hashemi, S.H., Vaisi-Raygani, A., **Alikhani, M.Y.** Analysis of IL-10 and IL-6 Gene Polymorphisms and Their Serum Levels in Patients with Brucellosis: A Case Control Study. *Immunological Investigations*. Volume 45, Issue 2, 17 February 2016, Pages 107-115
12. Arabestani, M.R., **Alikhani, M.Y.**, Karami, M., Ghale, E.S. Prevalence of coagulase-negative staphylococci and determination of antimicrobial resistance in accompany with types of SCCmec in isolated of nosocomial infections. *Tehran University Medical Journal*. Volume 73, Issue 12, March 2016, Pages 888-894
13. Tabibnejad, M., **Alikhani, M.Y.**, Arjomandzadegan, M., Hashemi, S.H., Naseri, Z. The optimization of molecular detection of clinical isolates of brucella in blood cultures by eryD transcriptase gene for confirmation of culture-negative samples. *Iranian Red Crescent Medical Journal*. Volume 18, Issue 4, April 2016, Article number e23879
14. **MY Alikhani**, TZ KARIMI, F Mihani, E Kalantar, P Karami, M Sadeghi. Antimicrobial Resistance Patterns and Prevalence of blaPER-1 and blaVEB-1 Genes Among ESBL-producing Pseudomonas aeruginosa Isolates in West of Iran. **Jundishapur Journal of Microbiology**. 2014; 6 (3): 248-251
15. R Yousefi Mashouf, R Esmaeili, **MY Alikhani**, M Ghanbari. Evaluation of exotoxin A gene and frequency of polymerase chain reaction sensitivity in detection of pseudomonas aeruginosa isolated from burn patients. **Tehran University Medical Journal** . 2014; 72 (3): 167-173

16. S Kasraei, L Sami, S Hendi, **MY AliKhani**, L Rezaei-Soufi, Z Khamverdi. Antibacterial properties of composite resins incorporating silver and zinc oxide nanoparticles on *Streptococcus mutans* and *Lactobacillus*. **Restorative dentistry & endodontics** . 2014; 39 (2): 109-114
17. R Esmaeili, R Yousefi Mashouf, A Moshtaghi, **M Alikhani**. Frequency and Detection of Antibiotic-Resistance Patterns in Bacteria Isolated from Children. **Medical Laboratory Journal**. 2014; 7 (5): 57-64
18. Roointan Amir, Shabab Noushin, Rahmani Ali Reza, Karimi Jamshid, **AliKhani Mohammad Yousef** and Saidijam Massoud. Bioinformatic and phylogenetic analysis of *merR* gene to determine the reasons for their different sensitivity to mercury. **Int J Med Invest** 2014; vol 3; num 1; 13-17
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22. S Farajnia, F Azhari, **MY Alikhani**, MK Hosseini, A Peymani, N Sohrabi. Prevalence of PER and VEB Type Extended Spectrum Betalactamases among Multidrug Resistant *Acinetobacter baumannii* Isolates in North-West of Iran. **Iranian journal of basic medical sciences**. 2013; 16 (6): 751
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33. Fatemeh Ahmadi – Motamayel, Seyedeh Sare Hendi, **Mohammad Yusof Alikhani**, Zahra Khamverdi. Antibacterial Activity of Honey on Cariogenic Bacteria. **Journal of Dentistry**, Tehran University of Medical Sciences, Tehran. 2013; Vol. 10, No.1: 10-15.
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37. E HOSEINZADEH, MR SAMARGHANDI, **MY ALIKHANI\***, GH ASGARI. EFFECT OF ZINC OXIDE (ZNO) NANOPARTICLES ON DEATH KINETIC OF GRAM-NEGATIVE AND POSITIVE BACTERIUM. **J Babol Univ Med Sci.** 2012; 14(5): 13-19.
38. **MY Alikhani**, I Sedighi, A Zamani, MM Aslani, T Sadrosadat. Incidence of diarrhoeagenic Escherichia coli isolated from young children with diarrhoea in the west of Iran. **Acta microbiologica et immunologica Hungarica.** 2012; 59 (3), 367-374
39. S Kiaie, H Abtahi, G Mosayebi, **MY Alikhani**. Expression of Recombinant Protein B Subunit Pili from Vibrio Cholera. **Journal of Kerman University of Medical Sciences.** 2012; 19 (4), 337-344
40. E Hoseinzadeh, **MY Alikhani**, MR Samarghandy. Evaluation of Synergistic Effect of Commercial Zinc Oxide and Copper Oxide Nanoparticles against Gram Positive and Gram Negative Bacteria by Fraction Inhibitory Concentration Index. **ZUMS Journal.** 2012; 20 (82), 29-41
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  46. **Mohammad Yousef Alikhani**, Hossein Masoumi Asl, Maryam Khairkhah, Safar Farajnia, Mohammad Mehdi Aslani. Phenotypic and genotypic characterization of *Escherichia Coli* O111 serotypes. **Gastroenterology and Hepatology From Bed to Bench.** 2011;4(3):147-152
  47. Mohammad Mehdi Aslani, **Mohammad Yousef Alikhani\***, Ali Zavari, Rasol Yousefi, Ali Reza Zamani. Characterization of enteroaggregative *Escherichia coli* (EAEC) clinical isolates and their antibiotic resistance pattern. **International Journal of Infectious Diseases** 15 (2011) e136–e139
  48. IRAJ SEDIGHI, HODA JAEFARI MOEZ and **MOHAMMAD YOUSEF ALIKHANI\***. NASAL CARRIAGE OF METHICILLIN RESISTANT *STAPHYLOCOCCUS AUREUS* AND THEIR ANTIBIOTIC SUSCEPTIBILITY PATTERNS IN CHILDREN ATTENDING DAY-CARE CENTERS. *Acta Microbiologica et Immunologica Hungarica*, 58(3), pp. 227–234 (2011)
  49. Seed Reza Moaddab, \*Safar Farajnia, Davood Kardan, Sajad Zamanlou, **Mohammad Yousef Alikhani**. Isoniazid MIC and *KatG* Gene Mutations among *Mycobacterium tuberculosis* Isolates in Northwest of Iran. **Iranian Journal of Basic Medical Sciences.** Vol. 14, No. 6, Nov-Dec 2011, 540-545
  50. Mohammad Mehdi Aslani, **Mohammad Yousef Alikhani\***. Molecular and phenotypic characterization of atypical enteropathogenic *Escherichia coli* serotypes isolated from children with and without diarrhea. **Journal of Microbiology, Immunology and Infection** (2011) 44, 27e32
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  52. Nourkhoda Sadeghifard, Reza Ranjbar, Javad Zaeimi, **Mohammad Yousef Alikhani**, Sobhan Ghafouryan, Mohammad Raftari, Ahmed Sahib Abdulamir, Ali Delpisheh, Reza Mohebi, Fatimah Abu Bak. Antimicrobial susceptibility, plasmid profiles, and RAPD-PCR typing of *Acinetobacter* bacteria. **Asian Biomedicine** Vol. 4 No. 6 December 2010; 901-911
  53. Daneshyar E, Mosavibahar SH, **Alikhani MY\***. Association Between Asymptomatic Bacteriuria And Some Demographic Variables in Pregnant Women Referred to Health Centers Affiliated to Hamadan University of Medical Sciences. **Scientific Journal of Ilam University of Medical Sciences.** No 3, 2010, 53-60
  54. MM Aslani, **MY Alikhani\***. Serotypes of Enteropathogenic *Escherichia coli* Isolated from Children Under 5 Years of Age. *Iranian J Publ Health*, Vol. 38, No.3, 2009, pp.70-77
  55. Safar Farajnia, **Mohammad Yousef Alikhani\***, Reza Ghotaslou, Behrooz Naghili, Ailar Nakhband. Causative agents and antimicrobial susceptibilities of urinary tract

- infections in the northwest of Iran. **International Journal of Infectious Diseases** (2009) 13, 140—144
56. Alireza ZAMANI\*, Siavash SADEGHIAN, Jalal GHADERKHANI, **Mohammad Yousef ALIKHANI**, Mohammad NAJAFIMOSLEH, Mohammad TAGHI GOODARZI, Hadi SHAHRABI FARAHAANI, Rasoul YOUSEFI-MASHOUF. Detection of methicillin-resistance (*mec-A*) gene in *Staphylococcus aureus* strains by PCR and determination of antibiotic susceptibility. **Annals of Microbiology**, 57 (2) 273-276 (2007)
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58. **M. Yousef Alikhani**, Akbar Mirsalehian, Bahram Fatollahzadeh, Mohammad R. Pourshafie, and M. Mehdi Aslani. Prevalence of Enteropathogenic and Shiga Toxin-producing *Escherichia coli* among Children with and without Diarrhoea in Iran. **J HEALTH POPUL NUTR** 2007 Mar;25(1):88-93
59. Alireza Zamani, Jalil Tavakkol Afshari, **Mohammad Yousef Alikhani**. Molecular Cloning and Expression of Human Gamma Interferon (IFN-g) Full cDNA in Chinese Hamster Ovary (CHO) Cells. **Iran.J.Immunol.** VOL. 3 NO. 1 Winter 2006
60. **M. Yousef Alikhani**, Akbar Mirsalehian and M. Mehdi Aslani. Detection of typical and atypical enteropathogenic *Escherichia coli* (EPEC) in Iranian children with and without diarrhea. **Journal of Medical Microbiology** (2006), 55, 1159–1163
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62. MM Aslani, **MY Alikhani**. The Role of *Aeromonas hydrophila* in Diarrhea **Iranian J Publ Health**, 2004, Vol. 33, No. 3, pp.54-59.

مقالات ارائه شده در کنگره ها:

1. **Alikhani M.Y.**,A.R.Bahrmand,S.Zienali .,M.M.Aslani. Inhibitors in polymerase chain reaction.**14th nationwide congress on tuberculosis. Kashan, Iran, Oct, 1998.**
2. **Alikhani M.Y.**,A.R.Bahrmand,S.Zienali .,M.M.Aslani. Rapid identification of Mycobacterium tuberculosis meningitidis by PCR. **7th Iranian congress on infectious disease and tropical medicine, Babolsar, Iran, Oct, 1998.**
3. **M.Y.Alikhani**, N.M.Aslani, I.Sedigri. Molecular epidemiology of diarrheagenic *E. coli* isolated from young children. **13th international congress on infectious Dis, Malaysia.** 19-22 June 2008.
4. **M.Y.Alikhani**, M.M.aslani, A.Zavari, A.R.Zamani. Molecular and phenotypic characterization of EAEC clinical isolates and their antibiotic resistance pattern. **20th ECCMID, Austria,** 10-13 April 2010.
5. M.y.Alikhani, M.M.aslani, A. Mirsalehiein, B.Fatollah zadeh. The role of typical and atypical EPEC in diarrhea. **17th ECCMID and 25th ICC. Germany,** 31 March 3 April 2007.

