

CURRICULUM VITAE



A. Personal information:

Full name: Alireza Ekrami

Current academic position: Associated prof.

Address: Department of Medical Laboratory Sciences, Faculty of Para medicine, Ahvaz Jundishapur University of Medical sciences (AJUMS), Ahvaz, Iran

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B. Qualification:

- **BSc** in Laboratory Medical Sciences, Para-Medicine Faculty, Iran University of Medical Sciences, Tehran, Iran, February, 1999.
- **MSc** in Medical Microbiology, Faculty of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2001
- **PhD** in Medical Bacteriology, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran, 2011.

C. Titles of Final Thesis/Projects

- **PhD:** Detection of *Mycobacterium tuberculosis* in sputum specimen of suspected patients to pulmonary tuberculosis using bioconjugated silicananoparticle.
- **MSC:** Frequency of Cag A in *Helicobacter pylori* isolates of patients with peptic ulcer diseases (PUD) and non ulcer dyspepsia (NUD).

D. Lecture Position:

Lecture and Researcher of Bacteriology, Department of Laboratory Medical Sciences, Para-Medicine Faculty, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran.

E. Special Training:

1. Training in Clinical Microbiology Laboratory.
2. Molecular Techniques in Diagnosis of Infectious Disease Agents ,

Including:

- Extraction & Purification of Bacterial DNA.
- DNA Amplify by Polymerase Chain Reaction (PCR).
- Fluorescent techniques for diagnostic bacteriology.
- Synthesis of nanoparticles.
- Biconjugation of nanoparticles

F. Major Professional Experiences:

A. Educational experiences : 20 years experience in teaching:

1. Diagnostic bacteriology
2. Quality control in bacteriology for undergraduate and medical (GP level) students.
3. Invited speaker for the university workshops for medical laboratory members at AJUMS.

B. Administrative / executive appointments:

1. Member of Tropical and Infectious Disease Center, Ahvaz Jundishapur University of Medical Sciences. since 2006
2. Member, Student Research Center of AJUMS: Since 2009

G. Research projects:

1. Frequency of Cag A in *Helicobacter pylori* isolates of patients with peptic ulcer diseases (PUD) and non ulcer dyspepsia (NUD) at Namazi, hospital, Shiraz, Iran. 2002.
2. Isolation and antimicrobial susceptibility of bacterial nosocomial infection among burn patients, Ahvaz, Iran, 2004.
3. Pathogenic bacteria and their susceptibility to antimicrobial agents at Abouzar children – Ahvaz, Iran. 2006.
4. Isolation and antimicrobial susceptibility of bacteria from external ear canal of cancer patients at Shafa cancer hospital – Ahvaz, Iran. 2006.
5. Isolation of common aerobic bacterial pathogens from seven hospital's medical school affiliation teaching, Ahvaz, Iran, 2007
6. Study on effect of antimicrobial activity from leaves and fruits of *Melia azebarch*. 2007.
7. Frequency of *Entamoeba histolytica* among patients with diarrheal diseases at Khuzestan province, Iran. 2007
8. Prevalence of Methicillin resistant *Staphylococcus species* isolated from burn patents in a burn center, Ahvaz, Iran. 2007
9. Epidemiology of hospitalized burn patients during five years in Khuzestan province, Iran, 2008
10. Detection of *Mycobacterium tuberculosis* in sputum specimen of suspected patients to pulmonary tuberculosis using bioconjugated silicananoparticle. 2010.

H. Publication:

Article in English:

Journal Publications

1. Antimicrobial and anti-biofilm potencies of dermcidin-derived peptide DCD-1L against *Acinetobacter baumannii*: an in vivo wound healing model. [Zahra Farshadzadeh](#), [Maryam ourhajibagher](#), [Behrouz Taheri](#), [Alireza Ekrami](#), [Mohammad Hossein Modarressi](#), [Masoud Azimzadeh](#) & [Abbas Bahador](#) *BMC Microbiology* volume 22, Article number: 25 (2022)
2. **Effect of *Helicobacter Pylori* eradication on patients with ITP: a meta-analysis of studies conducted in the Middle East** . Seyed Mohammad Sadegh Pezeshki^{1, 2}, Najmaddin Saki¹, Mehran Varnaseri Ghandali³, Alireza Ekrami², Arshid Yousefi Avarvand². *Blood Res* 2021;56(1):38-43. Published online: 12 March 2021 DOI: <https://doi.org/10.5045/br.2021.2020189>
3. Effects of the consumption of probiotic yogurt containing bifidobacterium lactis Bb12 on the levels of streptococcus mutans and lactobacilli in saliva of students with initial ... AZ Javid, E Amerian, L Basir, A Ekrami, MH Haghhighizadeh, ... *Caries Research*.2020. 54 (1), 68-74
4. Genetic variations in VDR could modulate the efficacy of vitamin D3 supplementation on inflammatory markers and total antioxidant capacity among breast cancer women: a ... H Mohseni, R Amani, SA Hosseini, A Ekrami, A Ahmadzadeh, SM Latifi *Asian Pacific Journal of Cancer Prevention: APJCP*.2019. 20 (7), 2065
5. Emergence of high-level gentamicin resistance among Enterococci clinical isolates from burn patients in south-west of Iran: vancomycin still working. M Labibzadeh, GA Kaydani, M Savari, A Ekrami. *Polish Journal of Microbiology*.2018. 67 (4), 401
6. Antimicrobial resistance patterns and virulence factors of enterococci isolates in hospitalized burn patients. L Shokoozadeh, A Ekrami, M Labibzadeh, L Ali, SM Alavi *BMC research notes*.2018. 11 (1), 1
7. Assessment of laboratory sciences bachelor degree curriculum in Iranian universities A ekrami, mohammad savari. *Education Strategies in Medical Sciences*.2018 11 (3), 118-123
8. Ehsanollah Ghaznavi-Rad, Alireza Ekrami: *Molecular Characterization of Methicillin-Resistant Staphylococcus aureus Isolates, Isolated from a Burn Hospital in Southwest Iran in 2006 and 2014*. *International Journal of Microbiology* 05/2018; 2018(5):1-5., DOI:10.1155/2018/1423939

9. Mohammad Savari, Alireza Ekrami, Saeed Shoja, Abbas Bahador: *Correction to: Acquisition of Tn6018-3' CS regions increases colistin MICs against Acinetobacter baumannii isolates harboring new variants of AbaRs*. Folia Microbiologica 11/2017; 63(1)., DOI:10.1007/s12223-017-0560-5
10. Leili Shokoohizadeh, Gholam Abbas Kaydani, Alireza Ekrami: *Molecular characterization of Shigella spp. isolates from a pediatric hospital in Southwestern Iran*. Gastroenterology and hepatology from bed to bench 10/2017; 10(4):319-322., DOI:10.22037/ghfbb.v0i0.1201
11. Mohammad Savari, Alireza Ekrami, Saeed Shoja, Abbas Bahador: *Acquisition of Tn6018-3' CS regions increases colistin MICs against Acinetobacter baumannii isolates harboring new variants of AbaRs*. Folia Microbiologica 02/2017; 62(5)., DOI:10.1007/s12223-017-0507-x
12. Mohammad Savari, Alireza Ekrami, Saeed Shoja, Abbas Bahador: *Plasmid borne Carbapenem-Hydrolyzing Class D β -Lactamases (CHDLs) and AdeABC efflux pump conferring carbapenem-tigecycline resistance among Acinetobacter baumannii isolates harboring TnAbaRs*. Microbial Pathogenesis 01/2017; 104., DOI:10.1016/j.micpath.2017.01.045
13. Farhad Soltani, Mohammad Pipelzadeh, Reza Akhondzadeh, Mahboobe Rashidi, Alireza Ekrami: *Evaluation of C - reactive Protein, Albumin and the C - reactive Protein/Albumin Ratio as Prognostic Markers in Trauma Patients Admitted to Intensive Care Unit*. DOI:10.9734/BJMMR/2016/18931
14. Mohammad Savari, Soodabeh Rostami, Alireza Ekrami, Abbas Bahador: *Characterization of Toxin-Antitoxin (TA) Systems in Pseudomonas aeruginosa Clinical Isolates in Iran*. Jundishapur Journal of Microbiology 01/2016; 9(1)., DOI:10.5812/jjm.26627
15. Amin Sakhaei, Mohammad Savari, Leili Shokoohizadeh, Maryam Hadian, Alireza Ekrami: *Characterization of Shigella Strains by Plasmid Profile Analysis and Antibiotic Susceptibility Patterns in a Pediatric Hospital in Ahvaz*. 11/2015; 3(4)., DOI:10.17795/ijep29924
16. Alireza Ekrami, Effat Abbasi Montazeri, Gholam Abbas Kaydani, Leili Shokoohizadeh: *Methicillin Resistant Staphylococci: Prevalence and susceptibility patterns in a burn center in Ahvaz from 2013-2014*. Iranian Journal of Microbiology 08/2015; 7(4):208-213.
17. Ahmad Hemadi, Alireza Ekrami, Hormozd Oormazdi, Ahmad Reza Meamar, Lame Akhlaghi, Ali Reza Samarbaf-Zadeh, Elham Razmjou: *Bioconjugated fluorescent silica nanoparticles for the rapid detection of Entamoeba histolytica*. Acta Tropica 02/2015; 145., DOI:10.1016/j.actatropica.2015.02.008

- 18.** Alireza Ekrami, Azar Dokht Khosravi, Ali Reza Samarbaf Zadeh, Mohammad Hashemzadeh: *Nocardia Co-Infection in Patients With Pulmonary Tuberculosis*. Jundishapur Journal of Microbiology 12/2014; 7(12):e12495., DOI:10.5812/jjm.12495
- 19.** Taha Roodbar Shojaei, Mohamad Amran Mohd Salleh, Meisam Tabatabaei, Alireza Ekrami, Roya Motallebi, Tavoos Rahmani-Cherati, Abdollah Hajalilou, Raheleh Jorfi: *Development of sandwich-form biosensor to detect Mycobacterium tuberculosis complex in clinical sputum specimens*. Brazilian Journal of Infectious Diseases 08/2014; 18(6)., DOI:10.1016/j.bjid.2014.05.015
- 20.** Alireza Ekrami, Ali Reza Samarbaf-Zadeh, Azar Khosravi, Behrooz Zargar, Mohamad Alavi, Mansor Amin, Alireza Kiasat: *Validity of bioconjugated silica nanoparticles in comparison with direct smear, culture, and polymerase chain reaction for detection of Mycobacterium tuberculosis in sputum specimens*. International Journal of Nanomedicine 11/2011; 6(default):2729-35., DOI:10.2147/IJN.S23239
- 21.** Ekrami Alireza, Kayedani Abbas, Jahangir Mohammad, Kalantar Enayat, Jalali Mohammad: *Isolation of common aerobic bacterial pathogens from the environment of seven hospitals, Ahvaz, Iran*. Jundishapur Journal of Microbiology 01/2011; 4(2).
- 22.** Ekrami Alireza, Samarbafzadeh Alireza, Alavi Mohammad, Kalantar Enayat, Hamzeloi Farhad: *Prevalence of methicillin resistant Staphylococcus species isolated from burn patients in a burn center, Ahvaz, Iran*. Jundishapur Journal of Microbiology 04/2010; 3(2).
- 23.** Alireza Ekrami, Ahmad Hemadi, Enayat Kalantar, Mahmood Latifi, Abbas Kayedani: *Epidemiology of hospitalized burn patients during 5 years in Khuzestan province, Iran*. Iranian Journal of Clinical Infectious Diseases 01/2010; 555(1):40-4440.
- 24.** A Ekrami, A Hemadi, M Latifi, E Kalantar: *Epidemiology of hospitalized burn patients in Taleghani Hospital during 2003-2007*. Bratislavske lekarske listy 01/2010; 111(7):384-8.
- 25.** Alireza Ekrami, F. Hamzeloi, A. Samarbafzadeh, Enayat Kalantar: *PP003 Occurrence of methicillin resistance mecA gene among Staphylococcus spp. isolated from burn patients at Taleghani burn hospital*. International Journal of Infectious Diseases 08/2009; 13., DOI:10.1016/S1201-9712(09)60397-0
- 26.** Alireza Ekrami, Enayat Kalantar: *Bacterial infections in burn patients at a burn hospital in Iran*. The Indian Journal of Medical Research 01/2008; 126(6):541-4.
- 27.** E Kalantar, M Mosaei, A Ekrami, M Pedram: *Isolation and antimicrobial susceptibility of bacteria from external ear canal of cancer patients at Shafa Cancer Hospital-Ahvaz*. Journal of cancer research and therapeutics 01/2006; 2(1):17-9., DOI:10.4103/0973-1482.19769

28. Abdollah Bazargani, Alireza Ekrami, Ezzat Bassiri, Mehdi Saber Firoozi: *Frequency of CagA in Helicobacter Pylori Isolates of Patients with Peptic Ulcer Diseases (PUD) and Non-ulcer Dyspepsia (NUD) at Namazi Hospital, Shiraz,*

I. Paper Presentation in Congress and Scientific Meeting

1. The 5th congress on medical microbiology, 2002, Ahvaz Jundishapur University of Medical Sciences. Oral presented in title of "Frequency of Cag A in *Helicobacter pylori* isolates of patients with peptic ulcer diseases (PUD) and non ulcer dyspepsia (NUD)".
2. The 5th congress on medical microbiology, 2002, Ahvaz Jundishapur University of Medical Sciences. Poster presented in title of "Isolation and Susceptibility test on *Shigella* spp".
3. The first international congress of central Asia infectious diseases Bishkek, Kyrgyzstan, 2006. Oral presented in title of "Bacterial infections in burn patients at Taleghani burn hospital in Khuzestan province, Ahvaz, Iran".
4. The first congress on nosocomial infection, 2006, Shahid beheshti University of Medical Sciences, Tehran, Iran. Poster presented in title of "Isolation of common aerobic bacterial pathogens from seven hospital's medical school affiliation teaching, Ahvaz, Iran."
5. The First Iranian Congress of Clinical Microbiology, 2007, Shiraz, Iran. Poster presented in title of "The Prevalence of multidrug – resistant *Acinetobacter baumannii* in burn patients at Taleghani burn hospital Ahvaz."
6. The First Congress on Enteric Pathogens, 2008, Sanandaj, Iran. Poster presented in title of "The role of probiotic bacteria on prevention of diarrheal diseases".
7. The First Congress on Enteric Pathogens, 2008, Sanandaj, Iran. Poster presented in title of "Study on antimicrobial activity from fruit / leaves extract of *Melia azedarach*."
8. The Second Iranian Congress on Clinical Microbiology, 2008, Shiraz, Iran. Poster presented in title of "An outbreak multidrug– resistant among burn Patients in Taleghani burn patients. Ahvaz. Iran."
9. The Third Ditan International Conference on Infectious Diseases, 2009, Beijing, China. Poster presented in title of "Occurrence of methicillin resistance *mecA* gene among *Staphylococcus* spp. Isolated from burn patients at Taleghani burn hospital".

J. Scientific achievements:

- Outstanding researcher of AJUMS for two consecutive years(2006-2007)