

Personal Information

Last Name: Shokoohizadeh

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Living place Hamadan, Iran



Academic Rank: Associate Professor in Medical Bacteriology

Academic degree: Basic sciences: medical laboratory Sciences: Shahid Beheshti University Master of Bacteriology (Ms.C), Tarbiat Modares University, Tehran, PhD in Medical Bacteriology, Tarbiat Modares University, Tehran-Iran

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Educational Background

- **BSc**, medical laboratory Sciences “Department of Laboratory Sciences, Shahid Beheshti, Tehran, Iran, I.R.” [2002].
- **MSc**. Medical Bacteriology “Department of bacteriology, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran, I.R” [2005].
- **PhD**. Medical Bacteriology “Department of bBacteriology, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran, I.R” [2013].

Sabbatical

University Medical Center Freiburg, Division of Infectious Disease, Freiburg,
Germany [2013]

Language Skills

- English

Laboratory skills

- PCR methods
- Molecular typing of bacteria (PFGE, MLST, DLST, ERIC-PCR, REP-PCR, MLVA, Plasmid profiling)
- Culturing and identification of bacteria (aerobic and anaerobic)
- Antimicrobial susceptibility testing methods

➤ **Job Experiences**

- **Faculty Member:** Ahvaz Jundishapur University of medical sciences, Ahvaz, Iran [2013-2016] and “Hamadan University of Medical Sciences, Hamadan, Iran [since 2017]
- **Reviewer:** for many journals (Pubmed, Scopus, ISI, etc)
- **Manager of Research:** Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran [2013-2016] and “Hamadan University of Medical Sciences, Hamadan, Iran [since 2017]

Teaching Experiences

- Practical Medical Microbiology for Medical/ Dentistry/ Pharmacy students
- Medical Microbiology for Medical Medical/ Dentistry/ Pharmacy/ paramedical students
- Physiology & Structure of bacteria for MSc Students
- Genetics of bacteria for PhD Students
- Antimicrobial agents and mechanism of resistance development for PhD

- Molecular bacteriology MSc student
- Laboratory diagnosis of fastidious and anaerobic bacteria
- Practical bacteriology for MSc Students
- Technical language for Laboratory Science students

Publications (*: Corresponding author)

1. Use of the quantum dot-labeled solid lipid nanoparticles for delivery of streptomycin and hydroxychloroquine: A new therapeutic approach for treatment of intracellular *Brucella abortus* infection. Biomedicine and Pharmacotherapy [this link is disabled](#), 2023, 158, 114116.

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2. Association of qnr Genes and OqxAB Efflux Pump in Fluoroquinolone-Resistant *Klebsiella pneumoniae* Strains. International Journal of Microbiology [this link is disabled](#), 2023, 2023, 9199108

Amereh, F., Arabestani, M.R., Hosseini, S.M., Shokoohizadeh, L.

3. Relationship of OqxAB efflux pump to antibiotic resistance, mainly fluoroquinolones in *Klebsiella pneumoniae*, isolated from hospitalized patients. Iranian Journal of Basic Medical Sciences [this link is disabled](#), 2023, 26(1), pp. 93–98.

Amereh, F., Arabestani, M.R., Shokoohizadeh, L.

4. Evaluation of the Virulence Genes in Quinolone and Fluoroquinolones-resistant Uropathogenic *Escherichia coli* Isolates

Shokoohizadeh, L., Rabiei, M., Baharifar, A., ...Ali, L., Alikhani, M.Y.

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5. Development of Chitosan-Assisted Fe₃O₄@SiO₂Magnetic Nanostructures Functionalized with Nisin as a Topical Combating System against Vancomycin-Intermediate *Staphylococcus aureus* (VISA) Skin Wound Infection in Mice. Journal of Nanomaterials [this link is disabled](#), 2022, 2022, 2914210

Nasaj, M., Farmany, A., Shokoohizadeh, L., ...Shayesteh, O.H., Arabestani, M.R.

6. Genotyping of *Chlamydia abortus* using multiple loci variable number of tandem repeats analysis technique.. BMC Veterinary Research. 2022; 18(1):1-2.

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7. Genetic diversity of colistin resistance Nosocomial *Acinetobacter baumannii* strains from Iran . Journal of Research in Medical Sciences. 2021; 26 (1):125.

Seyyedi M, Shapouri R, Zeighami H, Shokoohizadeh L.

8. Producing Escherichia coli and Enteropathogenic Escherichia coli Isolated from Raw Chicken Meat Samples. The Prevalence of Shiga Toxin-. International Journal of Microbiology. 2021; 2021.

Zarei O, Shokoohizadeh L, Hossainpour H, Alikhani MY

9. Prevalence of Shiga Toxin-Producing Escherichia coli O157 and Non-O157 Serogroups Isolated from Fresh Raw Beef Meat Samples in an Industrial Slaughterhouse.. International journal of microbiology. 2021; 2021.

Babolhavaeji K, Shokoohizadeh L, Yavari M, Moradi A, Alikhani MY

10. Emerge of NDM-1-Producing Multidrug-Resistant Pseudomonas aeruginosa and Co-Harboring of Carbapenemase Genes in South of Iran. *Iranian Journal of Public Health*, 2020; 95 (5) Ahmad Farajzadeh Sheikh, Mojtaba Shahin, Leili Shokoohizadeh, Fahimeh Ghanbari, Hamid Solgi, Fereshteh Shahcherghi

11. Detection of adeABC efflux pump encoding genes and antimicrobial effect of Mentha longifolia and Menthol on MICs of imipenem and ciprofloxacin in clinical isolates of Acinetobacter baumannii. *BMC Complementary Medicine and Therapies*. 2020; 20 (92).

Hassan Mahmoudi, Leili Shokoohizadeh, Nayreh Zare Fahim, Ali Mohamadi Bardebari,

Shirin Moradkhani , Mohammad Yousef Alikhani

12. Tandem repeat analysis for typing of Pseudomonas aeruginosa carrying resistance genes in southern Iran. *Reviews in Medical Microbiology*. 2019; 31 (2)

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13. . Genotyping and characterization of prophage patterns in clinical isolates of Staphylococcus aureus. *BMC Research Notes*. 2019; 12 (1)

Mahya Dini, Leili Shokoohizadeh, Farid Aziz Jalilian, Abbas Moradi, and Mohammad Reza Arabestani

14. Epidemiological linkage of vancomycin-resistant Enterococcus faecium from different sources in Ahwaz, Iran. *FEMS microbiology letters*. 2019; 366 (6)

Arshadi, Maniya, Leili Shokoohizadeh, Masoumeh Douraghi, Parviz Owlia, Rahil Mashhadi, Saber Soltani, and Mohammad Reza Pourmand

15. Mutations in gyrA and parC genes in quinolone-resistant klebsiella pneumoniae isolates from borujerd hospitals. *Journal of Zanzan University of Medical Sciences and Health Services*. 2019; 27 (20).

Shokoohizadeh, Leili, Mehrangiz Saniee, Mohsen Mirzaee, and Mohamm Taheri

16. Molecular epidemiology of colistin-resistant *Pseudomonas aeruginosa* producing NDM-1 from hospitalized patients in Iran. Iranian Journal of pediatrics. 2019; 22 (1)

Sheikh, Ahmad Farajzadeh, Mojtaba Shahin, **Leili Shokoohizadeh**, Mehrdad Halaji, Fereshteh Shahcheraghi, and Fahimeh Ghanbari

17. Molecular identification and genotyping of *Acinetobacter baumannii* isolated from burn patients by PCR and ERIC-PCR. Scars, Burns & Healing, 2019; 5:2059513119831369

Faezeh Falah, **Leili Shokoohizadeh** , Maryam Adabi

18. Relationship among antibiotic resistance, biofilm formation and lasB gene in pseudomonas aeruginosa isolated from burn patients. Clinical Laboratory, 2018; 64 (9)

Parisa Roshani-Asl, Niloufar Rashidi, **Leili Shokoohizadeh**, Javad Zarei.

19. Molecular analysis of *Pseudomonas aeruginosa* isolated from clinical, environmental and cockroach sources by ERIC-PCR. BMC Research Notes. 2018; 11 (668)

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20. Detection of common clones of Salmonella enterica serotype Infantis from human sources in Tehran hospitals. Gastroenterology and Hepatology from Bed to Bench. 2018; 11 (1).

Reza Ranjbar, Hadieh Rahmati, **Leili Shokoohizadeh***

21. Antimicrobial resistance patterns and virulence factors of enterococci isolates in hospitalized burn patients. BMC Research Notes. 2018; 11 (1)

Leili Shokoohizadeh, Alireza Ekrami, Maryam Labibzadeh, Liaqat Ali , Seyed Mohammad Alavi

22. Genotyping and distribution of putative virulence factors and antibiotic resistance genes of Acinetobacter baumannii strains isolated from raw meat. Antimicrobial Resistance and Infection Controls. 2018; 7 (20).

Marziyeh Tavakol, Hassan Momtaz, Parviz Mohajer, , **Leili Shokoohizadeh** , Elahe Tajbakhsh

23. Characterization of Virulence Factors and Prophage Profiles of Methicillin-Resistant Staphylococcus aureus Strains isolated from a Referral Hospital in Tehran, Iran. Archive of Clinical Infectious Disease. 2018; 13 (5)

Fateh Rahimi , **Leili Shokoohizadeh**

24. The role of zoonotic chlamydial agents in ruminants abortion. Iranian Journal of Microbiology

2017; 9 (5).

Sara Barati, Naghmeh Moori-Bakhtiari, Masoud Ghorbanpoor Najafabadi, Hassan Momtaz, **Leili Shokoohizadeh**

25. Multilocus Sequence Typing of the Clinical Isolates of *Salmonella Enterica* Serovar

Typhimurium in Tehran Hospitals. *Iranian Journal of Medical Sciences.* 2017; 42 (5)

Reza Ranjbar, Parisa Elhaghi, **Leili Shokoohizadeh***

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Maniya Arshadi, Masoumeh Douraghi, **Leili Shokoohizadeh**, Seyed Mojtaba Moosavian, Mohammad Reza Pourmand

27. Molecular Analysis of *Pseudomonas aeruginosa* Strains Isolated from Burn Patients by Repetitive Extragenic Palindromic-PCR (rep-PCR). *Iranian Red Crescent Medical Journal*, 2017; 19 (4).

Mansooreh Abbassi Ghaleh Sorkh, **Leili Shokoohizadeh**, Niloufar Rashidi, Elahe Tajbakhsh

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Fateh Rahimi, **Leili Shokoohizadeh**

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Alireza Ekrami, Effat Abbassi Montazeri, Gholam Abbas Kydani, **Leili Shokoohizadeh***

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31. Prevalence of Genes Encoding Aminoglycoside Modifying Enzymes in Clinical Isolates of *Klebsiella Pneumoniae* in the Hospitals of Borujerd. *International Journal of Medical Laboratory* 2018; 5 (1)

Mahsa Harir Foroush, **Leili Shokoohizadeh***, Mohsen Mirzaee

32. Molecular Typing of *Klebsiella pneumoniae* Isolates by Enterobacterial Repetitive Intergenic Consensus (ERIC)–PCR. *Infection Epidemiology and Microbiology.* 2017; 13 (4)

Vahideh Parsaie Mehr, **Leili Shokoohizadeh***, Mohsen Mirzaee, Mohammad Savari

33. Prevalence of Plasmid-Mediated Quinolones Resistance among *Klebsiella pneumoniae* Strains Isolated from Hospitals in Borujerd, Iran. *Medical Laboratory Journal.* 2017; 11 (3)

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34. Analysis of Clonal Relationships among Shigella spp. Isolated from Children with Shigellosis in Ahvaz, Iran. *Journal of Paramedical Sciences.* 2016; 7 (2).

Maryam Bagheri Mohammad Gholi Pour, **Leili Shokoohizadeh**, Farah Taj Navab Akbar

35. Molecular Methods for Bacterial Strain Typing. *Medical Laboratory Journal.* 2016; 10 (2)

Leili Shokoohizadeh

36. Characterization of Shigella Strains by Plasmid Profile Analysis and Antibiotic Susceptibility Patterns in a Pediatric Hospital in Ahvaz. *International Journal of Enteric Pathogens.* 2015; 3 (4)

Amin Sakhaei, Mohammad Savari, **Leili Shokoohizadeh***, Maryam Hadian, Alireza Ekrami

37. Helicobacter Pylori and CagA: Relationships With Esophageal and Gastroduodenal Disorders in Iranian Patients. *International Journal of Enteric Pathogens.* 2015; 3 (2)

Omid Teymournejad, **Leili Shokoohizadeh***, Ashraf Mohabati Mobarez, Mohsen Amini

38. Detection of Helicobacter pylori by enzyme-linked immunosorbent assay of thermophilic helicase-dependent isothermal DNA amplification. *Diagnostic Microbiology and Infectious Disease.* 2007

Pooria Gill, Mohsen Amini, Amir Ghaemi, **Leili Shokoohizadeh**, Hossein Abdul-Tehrani, Ali Karami, Armin Gilak

39. Genotyping of clinical and environmental multidrug resistant Enterococcus faecium strains. *Indian Journal Pathology and Microbiology.* 2017; 60:74-8.

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