

**In the name of God**



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**Current position:** Faculty Member at Shiraz University of Medical Sciences, since 2022

### **Education**

2017-2021: PhD in Medical Bacteriology, Tehran University of Medical Sciences, **Tehran**, Iran

2015-2017: MSc in Medical Microbiology, Shahid Beheshti University of Medical Sciences, **Tehran**, Iran

2011–2015: B.Sc in Microbiology, Islamic Azad University, Ardabil branch, **Ardabil**, Iran

**Title of MSc Thesis:** Molecular genotyping of *Mycobacterium tuberculosis* strains, isolated from tuberculosis patients *in* Baqiyatallah hospital, by MIRU-VNTR in Tehran, Iran

**Title of PhD Thesis:** The study of frequency of common zoonotic pathogens and evaluation of phenotypic and genotypic characteristics of the most common zoonosis bacterial pathogens isolated of *Rattus norvegicus* using phenotypic, molecular, and serological methods in Tehran, Iran.

### **Recent Publications**

1. Phenotypic and molecular detection of carbapenemase-producing *Klebsiella pneumoniae* isolated from patients admitted to teaching hospitals in Shiraz, Iran N Samadi, M Kalani, **T Azimi**, H Hosainzadegan, N Hadi Jundishapur Journal of Microbiology 16 (12)
2. Detection of *Yersinia enterocolitica*, *Shigella* spp. and *Salmonella* spp. in *Rattus norvegicus* captured from Tehran, Iran. **T Azimi**, S Nasrollahian, S Sabour, N Hadi, L Azimi, F Fallah, ... Future Microbiology

3. The first evidence of Seoul hantavirus, hepatitis E virus and rabies virus in *Rattus norvegicus* in Tehran, Iran. **T Azimi**, S Nasrollahian, S Sabour, N Hadi, L Azimi, N Rahbarian, (2023). *Future Virology* 18 (11), 691-697
4. Intestinal colonization of vancomycin-resistant *Enterococcus* in children admitted to Mofid children's hospital intensive care unit at admission and at discharge. M Alebouyeh, F Shirvani, R Hassanzadeh, **T Azimi**, G Ghandchi, (2023). *Molecular Biology Reports* 50 (4), 3271-3281
5. The prevalence of clarithromycin-resistant *Helicobacter pylori* isolates: a systematic review and meta-analysis. M Sholeh, S Khoshnood, **T Azimi**, J Mohamadi, VH Kaviar, M Hashemian, (2023). *PeerJ* 11, e15121
6. Molecular Detection and Characterization of the *Staphylococcus epidermidis* and *Staphylococcus haemolyticus* Isolated from Hospitalized Patients (2023). MA Noshak, M Ahangarzadeh Rezaee, A Hasani, M Mirzaii, MY Memar, *BioMed Research International* 2023
7. Bacteremia with Multi-drug Resistant Gram-negative Bacteria in Pediatrics and Its Correlation with COVID-19. NA Tehrani, M Alebouyeh, L Azimi, S Jabbari, RM Bayekolaie, **T Azimi**, (2023). *Archives of Clinical Infectious Diseases* 18 (4)
8. *Staphylococcus aureus* Dormancy: Waiting for Insurgency. A Nasser, S Jahanbakhshi, MMS Dallal, M Banar, A Sattari-Maraji, (2023). *Current Pharmaceutical Biotechnology*
9. Molecular detection and characterization of *Shigella* spp. harboring extended-spectrum  $\beta$ -lactamase genes in children with diarrhea in northwest Iran. (2022). S Sabour, A Teimourpour, J Mohammadshahi, H Peeridogaheh. *Molecular and Cellular Pediatrics* 9 (1), 1-9
10. Molecular mechanisms of *Shigella* effector proteins: A common pathogen among diarrheic pediatric population (2022). A Nasser, M Mosadegh, **T Azimi**, A Shariati, *Molecular and Cellular Pediatrics* 9 (1), 1-21
11. A global overview of the most important zoonotic bacteria pathogens transmitted from *Rattus norvegicus* to humans in urban environments: Running title: Bacterial pathogens (2022). S Sabour, **T Azimi**, A Nasser, N Hadi, A Mohsenzadeh, A Shariati. *Infectious Medicine*
12. Linezolid resistance in multi-drug resistant *Mycobacterium tuberculosis*: a systematic review and meta-analysis (2022). **T Azimi**, S Khoshnood, A Asadi, H Mahmoudi, *Frontiers in Pharmacology*, 3080

13. Staphylococcus aureus: Biofilm Formation and Strategies against it (2022). A Nasser, M Dallal, S Jahanbakhshi, **T Azimi**, L Nikouei, Current Pharmaceutical Biotechnology 23 (5), 664-678
14. Is the Rattus norvegicus population playing a role in the transmission of zoonotic diseases to children? A pilot study in Tehran, Iran (2021). **T Azimi**, F Fallah, MR Pourmand, A Karimi, S Armin, M Rahbar, L Azimi. Archives of Pediatric Infectious Diseases 9 (4)
15. Molecular detection and clinical characteristics of bacterial and viral main etiological agents causing respiratory tract infections in Tehran, Iran (2021). **T Azimi**, R Hamidi-Farahani, A Asgari, J Rajabi, M Ahmadi, M Darvishi, Gene Reports 24, 101267
16. Molecular detection of carbapenemases and extended-spectrum  $\beta$ -lactamases-encoding genes in clinical isolates of pseudomonas aeruginosa in Iran (2021). E Rahimi, A Asgari, **T Azimi**, S Soleiman-Meigooni. Jundishapur Journal of Microbiology 14 (7)
17. Detection and distribution of zoonotic pathogens in wild Norway rats (Rattus norvegicus) from Tehran, Iran (2021). **T Azimi**, L Azimi, F Fallah, MR Pourmand, HP Dogaheh, SR Tabatabaei. New Microbes and New Infections 42, 100908
18. Detecting of biofilm formation in the clinical isolates of Pseudomonas aeruginosa and Escherichia coli: an evaluation of different screening methods (2021). A Mohsenzadeh, A Fazel, S Bavari, S Borji, S Pourasghar, **T Azimi**, Journal of Current Biomedical Reports 2 (2), 56-61
19. Rifampicin-resistant tuberculosis in Iran: A systematic review and meta-analysis (2021) F Bahraminia, **T Azimi**, M Zangiabadian, MJ Nasiri, M Goudarzi, Iranian Journal of Basic Medical Sciences 24 (6), 720
20. HIV-Tuberculous Meningitis Co-Infection: A Systematic Review and Meta-Analysis (2021). A Purmohamad, **T Azimi**, MJ Nasiri, M Goudarzi, M Zangiabadian, Current Pharmaceutical Biotechnology 22 (7), 960-968
21. Multicentre study of the main carbapenem resistance mechanisms in important members of the Enterobacteriaceae family in Iran (2021). S Armin, F Fallah, A Karimi, **T Azimi**, HS Kafil, SS Zahedani, RM Ghanaiee, New Microbes and New Infections 41, 100860

22. Comparison of Rifabutin-Based Versus Rifampin-Based Regimens for the Treatment of Mycobacterium avium Complex: A meta-Analysis Study (2021). B Hajikhani, MJ Nasiri, BC Adkinson, **T Azimi**, F Khalili, M Goudarzi, *Frontiers in pharmacology* 12
23. Detection and characterization of Enterobacteriaceae family members carried by commensal Rattus norvegicus from Tehran, Iran (2021). **T Azimi**, L Azimi, F Fallah, MR Pourmand, A Ostadtaghizadeh, MR Abai, *Archives of Microbiology*, 1-14
24. Evaluating the antimicrobial resistance and frequency of AmpC  $\beta$ -lactamases blaCMY-2 gene in Gram-negative bacteria isolates collected from selected hospitals of Iran (2020). F Fallah, **T Azimi**, L Azimi, A Karimi, M Rahbar, M Shirdoust, I Sedighi, *Gene Reports* 21, 100868
25. Frequency of extended-spectrum beta-lactamase genes and antibiotic resistance patterns of Gram-negative bacteria in Iran: a multicenter study (2020). S Armin, F Fallah, A Karimi, M Shirdoust, **T Azimi**, I Sedighi, SS Zahedani, *Gene Reports* 21, 100783
26. Serosurvey and molecular detection of the main zoonotic parasites carried by commensal Rattus norvegicus population in Tehran, Iran (2020). **T Azimi**, MR Pourmand, F Fallah, A Karimi, R Mansour-Ghanaie, *Tropical Medicine and Health* 48 (1), 1-7
27. Survey of various carbapenem-resistant mechanisms of Acinetobacter baumannii and Pseudomonas aeruginosa isolated from clinical samples in Iran (2020). L Azimi, F Fallah, A Karimi, M Shirdoust, **T Azimi**, I Sedighi, M Rahbar, *Iranian Journal of Basic Medical Sciences* 23 (11), 1396
28. A comprehensive review of bacterial osteomyelitis with emphasis on Staphylococcus aureus (2020). A Nasser, **T Azimi**, S Ostadmohammadi, S Ostadmohammadi. *Microbial Pathogenesis* 148, 104431
29. Upregulation of *efrAB* efflux pump among *Enterococcus faecalis* ST480, ST847 in Iran (2020). SMJ Shiadeh, L Azimi, **T Azimi**, A Pourmohammad, M Goudarzi, *Acta Microbiologica et Immunologica Hungarica* 67 (3), 187-192
30. Coagulase-negative staphylococci (CoNS) meningitis: a narrative review of the literature from 2000 to 2020 (2020). **T Azimi**, M Mirzadeh, S Sabour, A Nasser, F Fallah, MR Pourmand. *New Microbes and New Infections* 37, 100755

31. Evaluating the antimicrobial resistance patterns and molecular frequency of bla<sub>oxa</sub>-48 and bla<sub>GES-2</sub> genes in *Pseudomonas aeruginosa* and *Acinetobacter baumannii* strains isolated ... (2020). F Tarafdar, B Jafari, **T Azimi**. *New Microbes and New Infections* 37, 100686
32. Evaluating the efficiency of TaqMan real-time PCR and serological methods in the detection of *Brucella* spp. in clinical specimens collected from suspected patients in Ardabil, Iran (2020). S Sabour, M Arzanlou, F Jeddi, **T Azimi**, S Hosseini-Asl, *Journal of Microbiological Methods* 175, 105982
33. Evaluation of blood biomaterials efficacy in the treatment of *Leishmania* lesions (2020)  
A Moradabadi, S Aref, **T Azimi**, E Ghaznavirad, A Farsinejad. *Journal of Fasa University of Medical Sciences* 10 (2), 2338-2347
34. The possible role of pathogenic and non-pathogenic bacteria in initiation and exacerbation of celiac disease; a comprehensive review (2020). **T Azimi**, A Nasser, A Shariati, SMJ Shiadeh, H Safari, M Alizade-Sani, *Current Pharmaceutical Biotechnology* 21 (6), 452-466
35. High-resolution melt curve analysis for rapid detection of rifampicin resistance in *Mycobacterium tuberculosis*: a single-centre study in Iran (2020). S Arefzadeh, **T Azimi**, MJ Nasiri, Z Nikpor, H Dabiri, F Doustdar, *New Microbes and New Infections* 35, 100665
36. Global estimate of phenotypic and genotypic ganciclovir resistance in cytomegalovirus infections among HIV and organ transplant patients; A systematic review and meta-analysis (2020). **T Azimi**, S Tavakolian, H Goudarzi, MR Pourmand, E Faghihloo. *Microbial pathogenesis* 141, 104012
37. Global prevalence of colistin resistance in clinical isolates of *Acinetobacter baumannii*: A systematic review and meta-analysis (2020). A Pormohammad, K Mehdinejadani, P Gholizadeh, MJ Nasiri, *Microbial pathogenesis* 139, 103887
38. Wound healing properties and antimicrobial activity of platelet-derived biomaterials (2020). A Shariati, A Moradabadi, **T Azimi**, E Ghaznavi-Rad. *Scientific Reports* 10 (1), 1-9
39. Kinetics Analysis and Susceptibility Coefficient of the Pathogenic Bacteria by Titanium Dioxide and Zinc Oxide Nanoparticles (2020). H HAMISHEHKAR, A Khezerlou, M Maleki, LM Azizi, V Bagheri, P Safaei, ...*ADVANCED PHARMACEUTICAL BULLETIN* 10 (1), 56-64

40. The Role of Gut Microbiome in Initiation of Inflammatory Bowel Disease; A Review (2020). **T Azimi**, H Dabiri, S Sabour, A Shariati, J Yasbolaghi. Journal of Fasa University of Medical Sciences, 0-0
41. Molecular mechanisms of Salmonella effector proteins: A comprehensive review (2020) **T Azimi**, M Zamirnasta, MA Sani, MMS Dallal, A Nasser. Infection and Drug Resistance 13, 11
42. Global study of viral myocarditis: A systematic review and meta-analysis (2020). M Dadashi, **T Azimi**, E Faghihloo. Journal of Acute Disease 9 (1), 1
43. Clinical characteristics and molecular epidemiology of children with meningitis in Tehran, Iran: a prospective study (2019). A Pormohammad, S Lashkarbolouki, **T Azimi**, P Gholizadeh, New microbes and new infections 32, 100594
44. Are viruses and parasites linked to celiac disease? A question that still has no definite answer (2019). A Shariati, HR Aslani, MRH Shayesteh, A Taghipour, A Nasser, H Safari, ... Current Pharmaceutical Biotechnology 20 (14), 1181-1193
45. Are intestinal helminths playing a positive role in tuberculosis risk? A systematic review and meta-analysis (2019). A Taghipour, M Mosadegh, F Kheirollahzadeh, M Olfatifar, H Safari, ...PloS one 14 (10), e0223722
46. Global estimate of Neisseria meningitidis serogroups proportion in invasive meningococcal disease: a systematic review and meta-analysis (2019). A Purmohamad, E Abasi, **T Azimi**, S Hosseini, H Safari, MJ Nasiri, ...Microbial pathogenesis 134, 103571
47. Advanced strategies for combating bacterial biofilms (2019). JY Sharahi, **T Azimi**, A Shariati, H Safari, MK Tehrani, A Hashemi. Journal of cellular physiology 234 (9), 14689-14708
48. Role of efflux pumps in reduced susceptibility to tigecycline in Acinetobacter baumannii (2019). SH Ardehali, **T Azimi**, F Fallah, M Owrang, N Aghamohammadi, L Azimi. New microbes and new infections 30, 100547
49. Staphylococcus aureus versus neutrophil: Scrutiny of ancient combat (2019). A Nasser, M Moradi, P Jazireian, H Safari, M Alizadeh-Sani, ... Microbial pathogenesis 131, 259-269

50. The possible role of bacteria, viruses, and parasites in initiation and exacerbation of irritable bowel syndrome (2019). A Shariati, F Fallah, A Pormohammad, A Taghipour, H Safari, AS Chirani, *Journal of cellular physiology* 234 (6), 8550-8569
51. Molecular detection of ALS1, ALS3, HWP1 and SAP4 genes in *Candida* Genus isolated from hospitalized patients in Intensive Care Unit, Tehran, Iran (2019). SH Ardehali, **T Azimi**, F Fallah, N Aghamohammadi, S Alimehr, AM Karimi, ...*Cellular and Molecular Biology* 65 (4), 15-22
52. First report of New Delhi metallo- $\beta$ -lactamase-6 (NDM-6) among *Klebsiella pneumoniae* ST147 strains isolated from dialysis patients in Iran (2019). A Bahramian, A Shariati, **T Azimi**, JY Sharahi, N Bostanghadiri, L Gachkar, ...*Infection, Genetics and Evolution* 69, 142-145
53. Phage therapy as a renewed therapeutic approach to mycobacterial infections: a comprehensive review (2019). **T Azimi**, M Mosadegh, MJ Nasiri, S Sabour, S Karimaei, A Nasser. *Infection and drug resistance* 12, 2943
54. Evaluation of Nano-curcumin effects on expression levels of virulence genes and biofilm production of multidrug-resistant *Pseudomonas aeruginosa* isolated from burn wound ... (2019). A Shariati, E Asadian, F Fallah, **T Azimi**, A Hashemi, JY Sharahi, ...*Infection and Drug Resistance* 12, 2223
55. Evaluating the antimicrobial resistance patterns among major bacterial pathogens isolated from clinical specimens taken from patients in Mofid Children's Hospital, Tehran, Iran ... (2019). **T Azimi**, S Maham, F Fallah, L Azimi, Z Gholinejad. *Infection and drug resistance* 12, 2089
56. Prevalence of antibiotic resistance in *Escherichia coli* strains simultaneously isolated from humans, animals, food, and the environment: a systematic review and meta-analysis (2019) A Pormohammad, MJ Nasiri, **T Azimi**. *Infection and drug resistance* 12, 1181
57. *Mycobacterium simiae* pulmonary disease in Iran: systematic review and meta-analysis (2018). MJ Nasiri, M Heidary, **T Azimi**, H Goudarzi, P Tabarsi, ...*New microbes and new infections* 26, 118-123
58. High genetic diversity among *Mycobacterium tuberculosis* strains in Tehran, Iran (2018) **T Azimi**, MJ Nasiri, S Zamani, A Hashemi, H Goudarzi, AAI Fooladi, ...*Journal of Clinical Tuberculosis and Other Mycobacterial Diseases* 11, 1-6



59. The role of bacteria in the inflammatory bowel disease development: a narrative review (2018). **T Azimi**, MJ Nasiri, AS Chirani, R Pouriran, H Dabiri. *Apmis* 126 (4), 275-283
60. Relationship of human herpes virus 6 and multiple sclerosis: a systematic review and meta-analysis (2018). A Pormohammad, **T Azimi**, F Falah, E Faghihloo. *Journal of cellular physiology* 233 (4), 2850-2862
61. Immunocompromised patients with pulmonary tuberculosis; a susceptible group to intestinal parasites (2018). A Taghipour, **T Azimi**, E Javanmard, A Pormohammad, M Olfatifar, ...*Gastroenterology and hepatology from bed to bench* 11 (Suppl 1), S134
62. Insertional inactivation of oprD in carbapenem-resistant *Pseudomonas aeruginosa* strains isolated from burn patients in Tehran, Iran (2018). A Shariati, **T Azimi**, A Ardebili, AS Chirani, A Bahramian, ...*New microbes and new infections* 21, 75-80

## Books

۱. ارتباط بیماری التهاب دستگاه گوارش و میکروب ها (IBD and Microbiology)، انتشارات دانشگاه علوم پزشکی شهید بهشتی (2017)
۲. مایکوباکتریوم لپره و مایکوباکتریوم های غیر سلی - انتشارات ارشدان 2023
۳. پاتوژن های زئونوز شایع در جوندگان در مناطق شهری - انتشارات ارشدان - ۲۰۲۳

## Projects

1. Determination of antibiotic resistance pattern, toxin profile, expression evaluation of toxin coding genes and sequence types among toxigenic-*Clostridium difficile* isolates isolated from stool samples collected from colonoscopy candidates in educational hospitals in Shiraz. 2024-2026 (**National Institute for Medical Research Development, NIMAD**)

2. Studying the prevalence of Gram positive bacteria causing sepsis and its drug sensitivity in children with clinical symptoms referred to Mofid children's hospital in 2020&2021
3. Studying the prevalence and drug sensitivity of Gram negative bacteria causing sepsis with BACTEC in children with clinical symptoms referred to Mofid children's hospital in 2020-2021
4. Determination of sensitivity and specificity of LAMP PCR for rapid detection of common causative of bacterial meningitis agents in children
5. Comparison of antibiogram and GeneXpert methods for detection of drug resistant patterns of Mycobacterium tuberculosis strains isolated from TB patients in Tehran, 2016-2017
6. The genetic diversity and drug resistant patterns of Mycobacterium tuberculosis strains isolated from clinical samples in Tehran using phenotypic and molecular methods in 95-96.
7. Effects of combination of silver nanoparticle and curcumin nanoparticle on Biofilm and efflux pumps expression among Multi-drug resistant Pseudomonas aeruginosa strains isolated from hospitalized patients in Motahari hospital, Tehran
8. Detection of insertion sequence elements in oprD gene of carbapeneme resistant Pseudomonas aeruginosa strains isolated from hospitalized patient in Motahari hospital in Tehran during 2016-2017
9. The study of frequency of common zoonotic pathogens and evaluation of phenotypic and genotypic characteristics of the most common zoonosis bacterial pathogens isolated of Rattus norvegicus using phenotypic, molecular, and serological methods in Tehran, Iran.

10. Evaluating the Antimicrobial Resistance Patterns among Major Bacterial Pathogens Isolated from Clinical Specimens taken from Patients in Mofid Childrens Hospital: 2013-2018
11. Trend of antimicrobial resistance among *Pseudomonas aeruginosa* and *Acinetobacter baumannii* isolates in selected hospitals of Shiraz, Iran
12. Retrospective study of the changing trends of antimicrobial resistance of Enterobacteriaceae family members isolated from clinical specimens taken from patients in selected hospitals in Shiraz, Iran over the last 10 years (1390-1400)

**13.** بررسی مقاومت آنتی بیوتیکی و حضور ژنهای کد کننده کارباپنماز و بتالاکتامازهای

وسیع الطیف در باسیلهای گرم منفی بدست آمده از بیماران بستری در بیمارستان کودکان

امام حسین (ع) اصفهان، ۱۴۰۲.

**14.** بررسی فراوانی و ارزیابی گذشته نگر روند تغییرات الگوی مقاومت آنتی بیوتیکی در

باکتری های گرم مثبت جدا شده از بیماران در بیمارستان فقیهی شیراز در سال های ۱۳۹۰

تا ۱۴۰۰

**Presentation:**

1. The prevalence of bacterial infectious agents in clinical samples taken from patients in Mofid children's Hospital, mini-oral presentation, 10<sup>th</sup> International Congress of Laboratory & Clinic, 3rd National Congress of Basic Medical Sciences and the Knowledge-based Production. 31 Jan -2 Feb 2018, Tehran, Iran.
2. Evaluating the drug resistance of *Acinetobacter baumannii* and *pseudomonas aeruginosa* strains isolated from children admitted to Mofid children's Hospital, mini-

oral presentation, 10<sup>th</sup> International Congress of Laboratory & Clinic, 3rd National Congress of Basic Medical Sciences and the Knowledge-based Production. 31 Jan -2 Feb 2018, Tehran, Iran.

3. Molecular genotyping of Mycobacterium tuberculosis in Tehran, Iran, mini-oral presentation, 10<sup>th</sup> International Congress of Laboratory & Clinic, 3rd National Congress of Basic Medical Sciences and the Knowledge-based Production. 31 Jan -2 Feb 2018, Tehran, Iran.
4. The Role of Bacteria in the Inflammatory Bowel Disease Development: A Narrative Review. 10<sup>th</sup> International Congress of Laboratory & Clinic, 3rd National Congress of Basic Medical Sciences and the Knowledge-based Production. 31 Jan -2 Feb 2018, Tehran, Iran.
5. STUDY OF PREVALENCE OF SHIGELLA SPECIES AND ESBL PRODUCING ISOLATES IN ARDABIL, IRAN, Iran's 19th International Congress of Microbiology September 2018 4-6 Tehran – Iran / School of Medicine, Tehran University of Medical Sciences
6. MICROSCOPY STUDY AND NESTED PCR FOR DETECTION OF CRYPTOSPORIDIUM SPP. AND MICROSPORIDIA IN REFERRED TUBERCULOSIS INDIVIDUALS AND THEIR FAMILY TO THE MASIHDANESHVARI HOSPITAL, TEHRAN, 2016-2017, Iran's 19th International Congress of Microbiology September 2018 4-6 Tehran – Iran / School of Medicine, Tehran University of Medical Sciences
7. THE PREVALENCE OF BRUCELLOSIS IN PATIENTS ADMITTED TO IMAM KHOMEINI HOSPITAL IN ARDABIL, Iran's 19th International Congress of Microbiology September 2018 4-6 Tehran – Iran / School of Medicine, Tehran University of Medical Sciences

### **Research Interests**

1. Molecular typing and antibiotic resistance of bacteria
2. Molecular epidemiology, typing and antibiotic resistance of Mycobacteria
3. Surveillance and molecular study of zoonotic disease

## 4. Molecular characterization of anaerobic bacteria

### **Reviewer of journals**

Frontiers in immunology

Applied Microbiology

Gene Reports

Comparative Immunology, Microbiology and Infectious Diseases

Iranian Journal of Veterinary Research

Infection and Drug Resistance

International Journal of Infectious Diseases

New Microbes and New Infections

International Journal of Africa Nursing Sciences

Archives of Clinical Infectious Diseases

### **Technical Experience**

DNA and RNA extraction

PCR

Real time PCR

MIRU-VNTR typing

Systematic review and Meta analyses

### **Honor, and Awards**

- The Best Graduated MSc student in Medical Microbiology 2017, Tehran, Iran
- The Best Graduated PhD student in Medical Bacteriology 2021, Tehran, Iran
- Awarded as the Best Researcher of Public Health School, Tehran University of Medical Sciences, 2019
- Winner of the academic support award (Shahid Vezvaei) of the Iran's National Elite Foundation, 2019
- Winner of the academic award (Shahid Rahnemoun) of the Iran's National Elite Foundation

