

CURRICULUM VITAE **MONIREH RAHIMKHANI**



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Professor

department of medical laboratory sciences

School of Allied Medical Sciences

Tehran University of Medical Sciences

EDUCATION

1. Ph.D

Medical Microbiology, Shahid Beheshti university of medical sciences,
Tehran, Iran, 2001

Thesis Title: Examination of bacterial meningitis in children under 5 years of
age and isolation of Haemophilus influenzae by PCR

Supervisors: Dr. Aliakbar Velayati, Dr. Fatemeh Fallah

2. MD in Laboratory Sciences

Medical Laboratory dep, Iran University of Medical sciences, Tehran, Iran

Thesis Title: Examination of hypercalcemia in hyperthyroid patients

Supervisors: Dr. Mahmoud Karimi, Dr. Alireza Mofid

EXPERIENCES

Executive Positions:

- Educational vice chancellor, School of Allied Medical Sciences, 2009-2013

- The supervisor of the treatment group of the training center during service, Tehran
University of Medical Sciences, 2017

- Head of department of medical laboratory sciences - School of Allied Medical
Sciences- Tehran University of Medical Sciences, 2021 - now

GRANTS & CONTRACTS

1- Molecular Detection of Cardiotropic Viruses Using Probe-Based Real-Time PCR in Patients with Myocarditis.

Status: Currently, Executers: Monireh Rahimkhani, Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical Sciences, Main Partners: Saber Soltani, 2025

2- Investigation of galactomannan, Beta-D-glucan and fungal genome in serum of hematological malignancies patients with fungal rhinosinusitis.

Status: Currently, Executers: Monireh Rahimkhani, Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical Sciences, Main Partners: Mohamad Kord, 2025

3- Investigation of norA, nor B, norC efflux genes in ciprofloxacin-resistant MRSA isolates from clinical samples in different departments of hospitals affiliated to Tehran University of Medical Sciences.

Status: Completed, Executers: Monireh Rahimkhani, Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical Sciences, Main Partners: Zahra Rajabi, Omar Abdulhamid, 2022

4- Examination of capsular genes in methicillin-resistant Staphylococcus aureus (MRSA) isolated from clinical samples of hospitals affiliated to Tehran University of Medical Sciences

Status: Completed, Executers: Monireh Rahimkhani, Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical Sciences, Main Partners: Alireza Mordadi, 2021

5- Study of prevalence and frequency of type ii of toxin-antitoxin systems among methicillin-resistant Staphylococcus aureus isolated strains and relationship between the expressions of TA and antibiotic resistance pattern.

Status: Completed, Executers: Monireh Rahimkhani, Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical Sciences, Main Partners: Alireza Mordadi, 2021

6- Examining the prevalence of Chlamydia trachomatis, Mycoplasma hominies and HPV in the urine of pregnant women

Status: Completed, Executers: Dr. Monireh Rahimkhani, Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical Sciences

7- Examining the level of urinary interleukin 8 in patients with spinal cord injury

Status: Completed, Executers: Dr. Monireh Rahimkhani, Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical Sciences, 2013-2014

8- Examination of urinary tract infections in patients with spinal cord injury

Status: Completed, Executors: Dr. Monireh Rahimkhani & Dr. Abolqasem Nikfallah,
Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical
Sciences, 2012-2013

9- A comparative study of speech and small discussion group methods in the level of learning of laboratory science students

Status: Completed, Executors: Dr. Monireh Rahimkhani & Dr. Mandana Shirazi,
Sponsor: Tehran University of Medical Sciences, Location: School of Allied Medical
Sciences, 2011-2012

10- Examination of serum calcitonin in patients suffering from liver cirrhosis

Status: Completed, Executors: Dr. Monireh Rahimkhani, Sponsor: Tehran University
of Medical Sciences, Location: School of Allied Medical Sciences, 2012-2013

11- Examination of hepatitis D and B in patients suffering from liver cirrhosis

Status: Completed, Executors: Dr. Monireh Rahimkhani, Sponsor: Tehran University
of Medical Sciences, Location: School of Allied Medical Sciences & Cancer
Research Institute, 2012

12- Examination of Helicobacter pylori infections in patients with liver cirrhosis

Status: Completed, Executors: Dr. Monireh Rahimkhani & Dr. Ghaffari, Sponsor:
Tehran University of Medical Sciences, Location: School of Allied Medical Sciences
& Cancer Research Institute, 2010-2009

13- Examining stool microbial flora in patients with colorectal cancer

Status: Completed, Executors: Dr. Monireh Rahimkhani & Dr. Mohammadali
Mohagheghi, Sponsor: Tehran University of Medical Sciences, Location: School of
Allied Medical Sciences & Cancer Research Institute, 2008-2009

14- Examination of bacterial contamination of concentrate platelets

Status: Completed, Executors: Dr. Monireh Rahimkhani, Sponsor: Tehran University
of Medical Sciences, Location: School of Allied Medical Sciences, 2003-2004

15- Examination of bacterial meningitis in children and isolation of Haemophilus influenzae from CSF by PCR method

Status: Completed, Executors: Dr. Monireh Rahimkhani & Dr. Aliakbar Velayati,
Sponsor: Shahid Beheshti University of Medical Sciences, Location: Masih
Daneshvari Hospital, 2002

Thesis

1. Genes capsule overview (cap 5&8) in an identify Methicillin-Resistant Staphylococcus aureus from clinical samples associated with Tehran University of Medical Sciences Hospitals. Umar Abdulhamid. M.Sc in prevention of Infectious Diseases.
2. Survey of nor A and mec A genes among methicillin –resistant Staphylococcus aureus strains isolated from wound and blood samples. Shokoofeh Akbari. M.Sc in Medical Microbiology.

3. Survey of nor B and Van A genes among methicillin –resistant Staphylococcus aureus strains isolated from Hospitalized patients. Saeed Alavi. M.Sc in Medical Microbiology.
4. Survey of nor C and mec A genes among methicillin –resistant Staphylococcus aureus strains isolated in patients from ICU, NICU and Surgical departments in Hospitals. Saeed Alavi. M.Sc in Medical Microbiology.
5. Design, implementation, and evaluation of a training program for Android-based IVF service applicants. Kobra Hosseini, M.Sc, Health IT
6. Evaluation of an online queue system and presentation of its optimization strategies in Bahrami Hospital. Sudabe Darvish, M.Sc, Health IT
7. Regional Position of Iran in terms of Scientific Publication in Immunology and Microbiology. Fahimeh Rezaii, M.Sc, Health librarianship

Books

Farsi

1. Meningitis
Author: Dr. Monireh Rahimkhani
Publisher: Tehran University of Medical Sciences, 2007
2. Infectious Diseases and Cancer
Author: Dr. Monireh Rahimkhani
Publisher: Tehran University of Medical Sciences, 2010
3. Diagnosis Microbiology (translation)
Author: Dr. Monireh Rahimkhani. Dr. Reza Mohammadi
Publisher: Ayizh:, 2021
4. Management in Medical Laboratory(translation)
Author: Dr. Hossein Dargahi, Dr. Monireh Rahimkhani
Publisher: Zi, 2024

Papers

English

1. From Microbes to Minds: The Impact of Gut Bacteria on Infant Cognitive Growth

Authors: Rahimkhani Monireh*, Hosseini Maryam.

CNS & Neurological Disorders - Drug Targets, 2026

2. An Overview of Capsule-Encoding Genes (cap5 & cap8) in Methicillin-Resistant Staphylococcus aureus Isolated from Clinical Samples.

Authors: Abdulhamid Umar Abdulkadir , Monireh Rahimkhani , * , Zahra Rajabi.

Jundishapur J Microbiol. 2025 May; 18(5): e157693

3. Investigation of the interplay of PCSK9, cardiac dynamics, oxidative stress in coronary artery disease: case-control study
Authors Lafta, A.H., Shiri, H., Iraj, M., Rahimkhani M, Einollahi, N., Panahi, G. *Frontiers in Endocrinology*, 2025 16.
4. Investigation of efflux pump genes in staphylococcus aureus isolated from clinical samples.
Authors: Rahimkhani, M. Rajabi, Z.Fard, S.S.A. Akbari, S. Aliasghar, M. *Journal of Medicinal and Pharmaceutical Chemistry Research* [This link is disabled.](#), 2024, 6(5), pp. 638–652.
5. Investigating the relationship between shift work schedule and blood and metabolic parameters: a 10-years retrospective cohort study.
Authors: A Soltanzadeh, M Eyvazlou, M Mohammad-Ghasemi, M Sadeghi-Yarandi, Rahimkhani Monireh. *Scientific Reports*. 2024
6. MRSA and VRSA isolated from patients hospitalized in the ICU, NICU and surgical departments of hospitals.
Authors: M Rahimkhani, Z Rajabi. *Proceedings of the National Academy of Sciences, India Section B: Biological ...* 2024
7. Investigating the antibiotic resistance pattern of MRSA isolates from blood and wound samples of patients admitted in a number of Tehran university of medical sciences hospitals
Authors: Rahimkhani, M. Rajabi, Z.
Tehran University Medical Journal, 2022, 80(7), pp. 590–596.
8. Prevalence of the Clinical Symptoms and PCR Test Results on Patients With COVID-19 in South of Tehran
Authors: Rahimkhani.M1*, Kazemian.K2 *Microbiology Insights*, Vol.15, Year. 2022, Page:1-4,
9. Detection and isolation of *Mycoplasma genitalium* in evaporated urine from pregnant women by PCR method.
Authors: Rahimkhani, M., Mordadi, A., *Iranian Journal of Obstetrics, Gynecology and Infertility*, 2022; 25(7):8-13.
10. Novel targets in rectal cancer by considering lncRNA–miRNA–mRNA network in response to *Lactobacillus acidophilus* consumption: a randomized clinical trial

Authors: Zohreh Khodaii^{1,9}, Mahboobeh Mehrabani Natanzi^{2,9}, Solmaz Khalighfard^{3,4}, Maziar Ghandian Zanjani⁵, Maryam Gharghi⁵, Vahid Khori⁵, Taghi Amiriani⁵, Monireh Rahimkhani⁶ & Ali Mohammad Alizadeh
Scientific Reports, Vol.12, No.9168, Year. 2022,

11. Prevalence and expression of genes of type II antitoxin toxin systems in clinical isolates of methicillin-resistant *Staphylococcus aureus*

Authors: M. Rahimkhani^{1*}, A. Mordadi², P. Karami³ and O. Zarei³

Journal of Pharmaceutical Research International, Vol.33, No.41 A, Year. 2021,
Download

12. Seroprevalence of Rubella IgG and IgM Antibodies in Iranian young women before pregnancy

Authors: Rahimkhani.M^{1*}, Kazemian.K²

Journal of Applied Biology & Biotechnology, Vol.9, No.4, Year. 2021,

13. Comparison of helicobacter pylori detection methods: It's association with leukocytosis and monocytosis

Authors: Rahimkhani, M, Mordadi, A, Kazemian, K., Khalili, H. Infectious Disorders - Drug Targets, Vol.20, No.6, Year. 2020, Download

14. Falsely undetectable TSH in a euthyroid patient

Authors: Monireh Rahimkhani, Kiana Kazemian, Rashid Ramezani Daryasari
Thyroid Research, Vol.13, No.1, Year. 2020,

15. An Overview of Helicobacter Pylori and Diagnostic Methods

Authors: Monireh Rahimkhani^{*1} PhD, Alireza Mordadi² MSc,

International Journal of Applied Biology and Pharmaceutical Technology, Vol.10,
No.3, Year. 2019, Number of Page:12 Download

16. Detection and Isolation of Chlamydia trachomatis from Urine and Its

Association with Preterm Labor Authors: Monireh Rahimkhani^{*1} PhD, Alireza

Mordadi² MSc, Mohammad Zayandeh³ PhD, Laya Sam⁴ MD Journal of Obstetrics,
Gynecology and Cancer Research, Vol.3, No.3, Year. 2018,

17. Detection of Urinary Chlamydia trachomatis, Mycoplasma genitalium and Human papilloma virus in the first trimester of pregnancy by PCR method

Authors: Monireh Rahimkhani, Alireza Mordadi, Maryam Gilanpour

Annals of clinical Microbiology and Antimicrobial, Vol.17, No.1, Year. 2018, Page:25,

18. Evaluation of Asymptomatic Bacteriuria and Pyuria in diabetic children referred to children's medical center in 2017- 2016

Authors: Heravy, Abdollahzadeh, Salisu, Rahimkhani, Taheri Austin Journal of Urology, Vol.5, No.1, Year. 2018,

19. Urinary tract infection with *Candida glabrata* in a patient with spinal cord injury Authors: Monireh Rahimkhani, Mostafa Saberian, Alireza Mordadi, Sajad Varmazyar, Ali Tavakoli ACTA Medica Iranica, Vol.53, No.8, Year. 2015,

20. Evaluation of Urinary IL-8 in Patients with Spinal Cord injury Authors: Monireh Rahimkhani, Alireza Mordadi, Sajad Varmazyar, Ali Tavakoli Recent patents of anti- infective drug discovery , Vol.9, No.2, Year. 2015,

21. Urinary Tract Infection in Spinal Cord Injuries
Authors: Rahimkhani.M, Nikfallah.A, Saberian.M, Mordadi.A, Varmazyar.S, Tavakoli.A, Asian Journal of Pharmaceutical and Clinical Research, Vol.7, No.2, Year. 2014,

22. Intestinal infections in malnourished children
Authors: Khavari daneshvar.H, Rahimkhani.M
African Journal of Microbiology research, Vol.7, No.23, Year. 2013,

23. Survey of PCT in cirrhotic patients
Authors: Rahimkhani.M, einollahi.N, Khavari Daneshvar.H, Dashti.N ACTA Medica Iranica, Vol.51, No.3, Year. 2013,

24. Survey of Hepatitis D in Cirrhosis Authors: Rahimkhani.M, Khavari Daneshvar.H Pathology, Vol.61, Year. 2012,

25. Detection and Evaluation of *Haemophilus influenzae* in Bacterial meningitis
Authors: Rahimkhani.M, Khavari Daneshvar.H ACTA Paediatrica, Vol.100, Year. 2011,

26. Seroprevalence of HDV and HBV in cirrhotic patients
Authors: Rahimkhani.M, Khavari Daneshvar.H, Jamali.S
African Journal of Microbiology Research , Vol.5, No.5, Year. 2011,

27. Fecal Microbial Flora in Colorectal Cancer
Authors: Rahimkhani.M, Mohagheghi.MA, Yaraei.K
African Journal of Microbiology Research, Vol.4, No.23, Year. 2010,

28. *Helicobacter pylori* and Peptic Ulcer in cirrhotic patients
Authors: Rahimkhani.M, Ghofrani.H
Pakistan Journal of Medical Sciences, Vol.24, No.6, Year. 2008,

29. Asymptomatic Bacteriuria and Pyuria in Pregnancy Authors: Rahimkhani.M, Khavari Daneshvar.H, Sharifian.R ACTA Medica Iranica, Vol.46, No.5, Year. 2008.

Farsi

1. Utilizing Machine Learning to Predict Antimicrobial Resistance in Bacteria.
Authors: M Rahimkhani, M Gilani. Iranian Journal of Epidemiology. 2025

2. Survey of norA and mecA genes in methicillin-resistant Staphylococcus aureus strains isolated from wound and blood samples.
Authors: S Akbari, M Rahimkhani, R Mirnejad. Tehran University of Medical Sciences Journal. 2024

3. Detection and isolation of Mycoplasma genitalium in evaporated urine from pregnant women by PCR method.
Authors: M Rahimkhani, A Mordadi. IRANIAN JOURNAL OF OBSTETRICS, GYNECOLOGY AND INFERTILITY. 2022

4. Investigating the lethality of ciprofloxacin and supernatant solution isolated from Staphylococcus aureus susceptible to ciprofloxacin on methicillin-resistant Staphylococcus aureus isolated from clinical samples. Authors: M. Rahimkhani, A. Mordadi, Payavard, Vol.15, No.6, Year. 2022,

5. Regional Position of Iran in terms of Scientific Publication in Immunology and Microbiology
Authors: Shima Moradi , Fahimeh Rezaeizadeh, Monireh Rahimkhani
Scientometrics Research Journal, Vol.7, No.1, Year. 2021

6. Comparison of educational methods in the level of learning of laboratory science students. Authors: M. Rahimkhani, Mandana Shirazi, Laboratory Diagnosis, Vol.4, No. 4, Year. 2007

7. Microbial contamination detection methods in Platelet Concentration
Authors: Rahimkhani.M, Alizadeh.Z, Erfani.Y Blood, Vol.4, No.4, Year. 2007,

8. Urinary tract infection in malnourished children
Authors: Vaezzadeh.F, Rahimkhani.M, Yoosefi.H,
The Journal of Faculty of Medicine, Vol.63, No.8, Year. 2004,

9. Vaccine of Neisseria Meningitis
Authors: Rahimkhani.M
Laboratory Diagnosis, Vol.18, Year. 2002,

10. Detection of Hemophilus influenzae in CSF by PCR
Authors: Rahimkhani.M, Velayati.A.A, Fallah.F
Iranian Journal of Infectious Diseases and Tropical Diseases, Vol.10, No.28, Year. 2005,

ABSTRACTS & PRESENTATIONS

1. Detection and Isolation of Chlamydia trachomatis from Urine and Its Association with Preterm Labor. International Conference Gynecology, Obstetrics and Women's Health. . Type: Lecturer. November 17-18, 2025 **Dubai, UAE**
2. Comparison of helicobacter pylori detection methods: It's association with leukocytosis and monocytosis. International Conference on Gastroenterology Current Approach (ICOGCA). . Type: Lecture. 29th – 30th November 2024 Da Nang, **Vietnam**
3. Urinary Tract infections in patients with Spinal Cord Injury International Conference of Health science researches Location: Bangkok , **Thailand,**
Date: Feb, 2019 - Type : Lecturer
4. Intestinal Infections in Malnourished Children in South of Tehran FFC's 21th International Conference and Expo on Functional Foods and Bioactive Compounds in Health and Diseases Location: **San Diego, CA, USA,**
Date: 2017, 25th March-2017, 26th March - Type : Poster,
5. Intestinal Infections in Malnourished Children 16th International Congress of Microbiology Location: Tehran University of Medical Sciences,
Date: 94/6/4-94/6/6 - Type : Poster, Lecturer - Journal: Public Health Journal. **Tehran, Iran.**
6. The survey of serum procalcitonin in cirrhosis patients International conference of Bacteriology(CBA 2014) Location: **China-Beijing,**
Date: 11/28/2014-11/30/2014 - Type : Lecturer,
7. Confirmation of Participation in the History of Medicine Days Conference Confirmation of Participation in the History of Medicine Days Conference Location: University of Calgary, **Canada,**
Date: 2014 - Type : Participant,
8. Bacterial meningitis in children less than 5 years old International Neurological congress EFNS Location: **Budapest, Hungary,**
Date: 2011-Type : Poster, Lecturer
9. Helicobacter pylori and peptic ulcer in cirrhotic patients 3th National Conference on Infectious Diseases Location: **New Delhi, India,**
Date: 2010-Type : Poster, Lecturer

10. Fecal microbial flora in Colorectal Cancer
Asian Oncology Summit(AOS) Location: **Singapore**,
Date: 2009-Type : Lecturer

11. Detection of Heamophylus influenza in CSF by PCR method 2th congress
of European Academy of Pediatric Diseases Location: **Nice, France**,
Date: 2008-Type : Poster, Lecturer

12. The polymerase chain Reaction of the detection and evaluation of HI type b
5th World Society for Pediatric Infectious Diseases-WSPID Location: **Bangkok,
Thailand**,
Date: 2007-Type : Poster, Lecturer

13. Urinary Tract infections in Malnourished Children
European Academy of Paediatric congress Location: **Barcellona-Spain**,
Date: 2006-Type : Poster, Lecturer

14. Bacterial Meningitis in Children Annual Infectious diseases congress
Location: **Bangladesh, Daka**,
Date: 2001-Type : Poster, Lecturer

Farsi

1. Examining the educational challenges of laboratory science students
The Congress of Improving the Quality of Laboratory Services
Location: Milad Tower
Date: 2018 - Type : Lecturer

2. Asymptomatic Bacteriuria and Pyuria in Pregnancy
National paediatric congress
Location: University of Tehran,
Date: 2005-Type : Poster, Lecturer

3. Bacterial Meningitis in Children 17th International Congress of Pediatrics
Location :Children's Medical Center
Date: 2004-Type : Poster, Lecturer

4. Detection of HI by PCR International Microbiology Congress
Location: Ahvaz,
Date: 2002-Type : Lecturer

EDITORIAL BOARD & REVIEWING ACTIVITIES

1. African journal of Microbiology researches
2012 - Referee
2. Spinal Cord
2015 - Referee
3. International Journal of Tropical Disease and Health
2013- now, Manuscript Peer Reviewer (International Journal)
4. British Journal of Medicine and Medical Research
2012- now, Manuscript Peer Reviewer (International Journal)
5. Payavard Salamat
Referee
6. BMS-Anti Infective Agents. 2020- now, Manuscript Peer Reviewer (International Journal)
7. BMS-IDDT. 2021- now, Manuscript Peer Reviewer (International Journal)
8. BMS-EMIDDT. 2021- now, Manuscript Peer Reviewer (International Journal)

MEMBERSHIPS

1. Head of Dep of Lab Medical Sciences in Faculty of allied medical sciences.
Tehran University of Medical Sciences 2021- now
2. Dean of education in Faculty of allied medical sciences
Activity Type: Member of University Committee 2009-2014
3. University educational committee Activity Type :Member of University Committee
2009-2014
4. Microbiology committee
Activity Type: Member 2002- now
5. Medical laboratory committee
Activity Type: Member 1997- now

RESEARCH INTERESTS

Infectious diseases
Antibiotic resistant
MRSA and VRSA
Cancer and Infection