

Curriculum Vitae



Personal Information

Frist Name: Sara

Date of Birth: 21th March 1980

Last Name: Rahmati Roodsari

Nationality: Iranian

Work Address: Functional Neurosurgery Research Center, 4th Floor, Building No.1, Shohadaye Tajrish Hospital, Tajrish Sq., Tehran, Iran.

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Education Background

2021: HMBA; Shahid Beheshti University of Medical Sciences, Tehran, Iran.

2015-2017: MPH; Faculty of Public Health, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

1998-2006: MD; Tehran University of Medical Sciences, Faculty of Medicine, Tehran, Iran.

1998 : Diploma in Experimental sciences; Farzanegan school.

Executive and Professional Experiences

2024-present: Vice-President of Research at Research Institute of Functional Neurosurgery, Shahid Beheshti University of Medical Sciences

2024-present: Research Manager at Research Institute of Functional Neurosurgery, Shahid Beheshti University of Medical Sciences

2024-present: Representative for Women and Family Affairs at Research Institute of Functional Neurosurgery, Shahid Beheshti University of Medical Sciences

2024-present: Supervisor of Student Research and Technology Committee at Research Institute of Functional Neurosurgery, Shahid Beheshti University of Medical Sciences

2023-present: Supervisor of Student Research and Technology Committee at Functional Neurosurgery Research Center, Shahid Beheshti University of Medical Sciences

2021-present: Consultant at Fertility, Gynecology and Andrology

2021-present: Consultant at Artificial Intelligence in Precision Medicine

2021-present: Consultant at Interventional Pain Medicine and Neuromodulation

2020-present: Research Manager at Functional Neurosurgery Research Center, Shahid Beheshti University of Medical Sciences

2020-present: Editorial Manager of International Clinical Neuroscience Journal

2020-present: Leader of Information Management System (Pajooohan) of Functional Neurosurgery Research Center, Shahid Beheshti University of Medical Sciences

2020-present: Member of Research Council of Functional Neurosurgery Research Center, Shahid Beheshti University of Medical Sciences

2020-present: Representative for Women and Family Affairs at Functional Neurosurgery Research Center, Shahid Beheshti University of Medical Sciences

2020: Responsible for Empoverment of Ethics in Research Workshops, Shahid Beheshti University of Medical Sciences

2011-2020: Manager of Infectious Diseases and Tropical Medicine Research Center, Shahid Beheshti University of Medical Sciences

2016-present: Member of Iraninan Society of Clinical Microbiology and Infectious Diseases (ISCMID)

2008-2020: Representative for Women and Family Affairs at Infectious Diseases and Tropical Medicine Research Center, Shahid Beheshti University of Medical Sciences

2007-2020: Member of Executive Committee of Archives of Clinical Infection Diseases Journal

2007-2020: Manager and Secretary of Research Management System (Pajuheshyar) & Information Management System (Pajuhan) of Infectious Diseases and Tropical Medicine Research Center, Shahid Beheshti University of Medical Sciences

2006-2020: Research Council Secretary and Member of Infectious Diseases and Tropical Medicine Research Center, Shahid Beheshti University of Medical Sciences

2006-2020: Researcher of Infectious Diseases and Tropical Medicine Research Center, Shahid Beheshti University of Medical Sciences

2020: Executive Secretary of “The 3rd Congress of Infection in Transplantation and Cancer” , 5-6 Feb 2020

2020: Executive Secretary of “ New Coronavirus -2019 symposium” , 4 Feb 2020

2019: Member of the Scientific Committee of “ The 12th International Congress of Medical lab & Clinic” , 11-13 December 2019

2019: Executive Secretary of “New Challenges in Prophylaxis and treatment of Invasive Fungal Infection in Cancer Patients” , 12 December 2019

2019: Executive Secretary of “ The 4thInternational and 8th National Congress of Brucellosis” , 13-14 November 2019

2019: Executive Secretary of “Influenza Symposium” , 17 October 2019

2019: Executive Secretary of “Management of Invasive Candidiasis Symposium” , 10 October 2019

2019: Executive Secretary of “ CCHF Symposium” , 6 August 2019

2018: Executive Secretary of “ Gram Negative Infections and Drug Resistance Symposium” , 6 December 2018

2018: Executive Secretary of “ The 3rd International and 7th National AIDS Congress” , 21-23 November 2018

2018: Executive Secretary of “ National Influenza Symposium” , 12 October 2018

2018: Executive Secretary of “ Influenza in Special Groups and Introduction of Quadrivalent Influenza Vaccine” , 16 August 2018

2018: Executive Secretary of “ Sepsis update and Drug Resistance in Iran Symposium” , 9 August 2018

2017: Executive Secretary of “ The 2nd International Congress of Infection in transplantation and cancer” , 29 November- 1 December 2017

2017: Executive Secretary of “ The 3rd International and 7th National Congress of Brucellosis” , 25-27 October 2017

2017: Executive Secretary of “Influenza and Soft Tissue Infections Symposium”, 5 October 2017

2017: Executive Secretary of “Skin and Soft Tissue infections”, 4 May 2017

2016: Executive Secretary of “The 2nd International and 6th National Congress of AIDS”, 7-9 December 2016

2016: Executive Secretary of “Influenza and Soft Tissue Infections”, 20 October 2016

2016: Executive Secretary of “Update on Nosocomial Pneumonia”, 28 January 2016

2015: Executive Secretary of “Influenza Symposium”, 31 December 2015

2015: Executive Secretary of “The 2nd International and 6th National Congress of Brucellosis”, 11-13 November 2015

2015: Executive Secretary of “Influenza and Corona virus in Healthcare Workers Symposium”, 3 November 2015

2015: Executive Secretary of “Influenza and Corona virus Update Symposium”, 12 March 2015

2015: Executive Secretary of “Invasive Fungal Infection Treatment and Review of National Guideline Symposium”, 19 February 2015

2015: Executive Secretary of “Hepatitis C Update Symposium”, 14 February 2015

2015: Executive Secretary of “Ebola Symposium”, 4 January 2015

2014: Executive Secretary of “Sepsis Symposium”, 9 December 2014

2014: Executive Secretary of “Respiratory Tract Infection Symposium”, 4 December 2014

2014: Executive Secretary of “The 1st International and 5th National AIDS Congress”, 11-13 November 2014

2014: Executive Secretary of “Fungal Infections in Immunocompromised Patients Symposium”, 2 October 2014

2014: Executive Secretary of “Adult Vaccination in Iran Symposium”, 14 August 2014

2014: Executive Secretary of “Respiratory infections symposium”, 5 August 2014

2014: Executive Secretary of “Skin and Soft Tissue Infections Symposium”, 12 June 2014

2014: Executive Secretary of “Logical Prescription of Antibiotics Symposium”, 27 February 2014

2014: Executive Secretary of “ Vaccination in Immunocompromised Patients Symposium” , 20 February 2014

2014: Executive Secretary of “ Diseases Surveillance System (Tuberculosis and its control) Symposium” , 16 January 2014

2013: Executive Secretary of “ Diagnostis and Treatment of Diabetic Foot Guideline Symposium” , 26 December 2013

2013: Executive Secretary of “ The 1st International and 5th National Congress of Brucellosis” , 29-31 October 2013

2013: Executive Secretary of “ Cholera Epidemiological situation in Iran and Its Update Symposium” , 17 September 2013

2013: Executive Secretary of “ Respiratory infections (MERS-CoV) symposium” , 7 July 2013

2012: Executive Secretary of “ Viral Infections (Influenza, SARS)” , 25 December 2012

2012: Executive Secretary of “ Needle Stick and hand washing workshop” , 27 November 2012

2012: Executive Secretary of “ The 4th National AIDS Congress” , 7-9 November 2012

2012: Executive Secretary of “ CCHF Symposium” , 7 August 2012

2012: Executive Secretary of “ Practical Approach to Infectious Diseases Seminar ” , 12 July 2012

2012: Executive Secretary of “ CCHF Symposium” , 25 June 2012

2010: Executive Secretary of “The 3rd National AIDS Congress ” , 30 November -2 December 2010

2009: Executive Secretary of “ Tuberculosis Symposium ” , 10 December 2009

2009: Executive Secretary of “ The 3rd National Brucellosis Congress” , 23-25 June 2009

2009: Executive Secretary of “ Swine Flu Symposium” , 12 May 2009

2008: Executive Committee Member of “ The 2nd National Congress of AIDS” , 2-4 December 2008

2008: Executive Committee Member of “ The 1st International Congress of Infection in Transplantation and cancer”, 10-12 July 2008

2007: Executive Committee Member of “ The 2nd National Congress of Brucellosis” , 19-21 May 2007

2006: Executive Committee Member of “ The 1st National Congress of AIDS” , 28-30 November 2006

2006: Design of Prospectus of Infectious Diseases and Tropical Medicine Research Center, Shahid Beheshti University of Medical Sciences.

Teaching Experiences

2025: Dengue Fever (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 26-30 July 2025.

2025: First Aids and Critical Actions (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 12-16 July 2025.

2025: Guideline of Long-Term COVID Management (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 7-9 July 2025.

2025: Quit Smoking: the Path to a Healthy Life (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 31 May-3 June 2025.

2025: Healthy Marriage (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 17-21 May 2025.

2025: Pregnancy and Management of its Common Problems (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 26-28 April 2025.

2025: Parkinson's Disease in Simple word (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 26-28 April 2025.

2025: Accident Prevention and Disaster Management (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 21-23 April 2025.

2025: Guide for Mothers Immediately after Finding out They Are Pregnant (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 21-23 April 2025.

2025: Parkinson's Disease in Simple word (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 12-14 April 2025.

2025: Diagnosis and Treatment of Breast Cancer (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 5-9 April 2025.

2025: Guide for Mothers Immediately after Finding out They Are Pregnant (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 17 March 2025.

2025: Accident Prevention and Disaster Management (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 16 March 2025.

2025: Depression: Treatment Necessity, Social Support and Suicide Prevention (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 12 March 2025.

2025: Dengue Fever (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 3 March 2025.

2025: Principles of Mental Health in Elderly (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 26 February 2025

2025: Healthy Marriage (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 25 February 2025.

2025: Skills of Raising Healthy Teenagers (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 24 February 2025.

2025: Principles of Mental Health in Elderly (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 23 February 2025.

2025: Principles of Healthy Nutrition in Elderly (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 19 February 2025.

2024-2025: Guide for Mothers Immediately after Finding out They Are Pregnant (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 28 December 2024-1 January 2025.

2024: Accident Prevention and Disaster Management (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 21-25 December 2024.

2024: Depression: Treatment Necessity, Social Support and Suicide Prevention (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 23-27 November 2024.

2024: Overweight and Obesity: Management and Clinical Approach (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 26-30 October 2024.

2024: Skills of Raising Healthy Teenagers (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 12-16 October 2024.

2024: Healthy Marriage (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 5-9 October 2024.

2024: Parkinson's Disease in Simple word (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 10-12 August 2024.

2024: Dengue Fever (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 3-7 August 2024.

2024: First Aids and Critical Actions (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 13-15 July 2024.

2024: Principles of physical activity in Elderly (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 29 June-1 July 2024.

2024: Healthy Marriage (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 24-26 June 2024.

2024: Healthy Marriage (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 8-10 June 2024.

2024: Skills of Raising Healthy Teenagers (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 27-29 May 2024.

2024: First Aids and Critical Actions (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 18-20 May 2024.

2024: Principles of Mental Health in Elderly (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 11-13 May 2024.

2024: Principles of Healthy Nutrition in Elderly (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 13-15 April 2024.

2024: Guideline of Long-Term COVID Management (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 6 March 2024.

2024: Accident Prevention and Disaster Management (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 6 March 2024.

2024: Principles of Self-Care and Mental Health in the Family (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 5 March 2024.

2024: Diagnosis and Treatment of Sexually Transmitted Infections (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 3 March 2024.

2024: Pregnancy and Management of its Common Problems (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 27 February 2024.

2024: Wellness and Health after Pregnancy (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 26 February 2024.

2024: Types of Research Studies (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 17 February 2024.

2024: Diagnosis and Treatment of Sexually Transmitted Infections (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 22-24 January 2024.

2024: Accident Prevention and Disaster Management (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 8-10 January 2024.

2024: Principles of Self-Care and Mental Health in the Family (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 6-8 January 2024.

2024: Guideline of Long-Term COVID Management (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 1-4 January 2024.

2024: Pregnancy and Management of its Common Problems (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 1-3 January 2024.

2023-2024: Wellness and Health after Pregnancy (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 30 December 2023-1 January 2024.

2023: Types of Research Studies (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 25-27 December 2023.

2023: Artificial Intelligence (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 25-27 November 2023.

2023: Health Management after Cancer Treatment (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 19 November 2023.

2023: First Aids and Critical Actions (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 21-22 October 2023.

2023: Wellness and Health after Pregnancy (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 16-18 October 2023.

2023: Diagnosis and Treatment of Sexually Transmitted Infections (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 15-17 October 2023.

2023: Pregnancy and Management of its Common Problems (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 14-16 October 2023.

2023: Attending at “Medical Artificial Intelligence Summer School(MAISS)” as a Speaker With the Topic of “Medical Artificial Intelligence Ethics”, Shahid Beheshti University of Medical Sciences, Tehran, Iran. 7 September 2023.

2023: Artificial Intelligence (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 2-5 September 2023.

2023: Types of Research Studies (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 1-3 July 2023.

2023: Wellness and Health after Pregnancy (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 8 March 2023.

2023: Artificial Intelligence (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 6 March 2023.

2023: Types of Research Studies (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 5 March 2023.

2023: Diagnosis and Treatment of Sexually Transmitted Infections (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 1 March 2023.

2023: Wellness and Health after Pregnancy (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 14-16 January 2023.

2022: Artificial Intelligence (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 3-5 December 2022.

2022: Types of Research Studies (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 26-28 November 2022.

2022: Diagnosis and Treatment of Sexually Transmitted Infections (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 17-18 October 2022.

2022: Diagnosis and Treatment of Sexually Transmitted Infections (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 23-24 July 2022.

2022: Diagnosis and Treatment of Sexually Transmitted Infections (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 28 February 2022.

2021: Diagnosis and Treatment of Sexually Transmitted Infections (Virtual Training Course), Shahid Beheshti University of Medical Sciences, Tehran, Iran. 19-20 October 2021.

Publications

- 1. Rahmati Roodsari S, Zali A, Rahmati Roodsari M, Forouzanmehr B. Will Artificial Intelligence Replace Physicians or Augment Their Capabilities? Novelty in Biomedicine. 2025; 13(3).**

2. **Rahmati Roodsari S**, Zali A, Niknazar S. Ethical Challenges Associated with Stem Cell Research. *Quarterly Journal of Medical Ethics*. 2024; 18: e3.
3. Niknazar S, Zali A, **Rahmati Roodsari S**. Stem cells as a new option in the treatment of female infertility. *Researcher Bulletin of Medical Sciences*. 2024; 28(1): e9.
4. Niknazar S, **Rahmati Roodsari S**, Zali A. Relationship of Infertility and Psychological Distress. *Novelty in Biomedicine*. 2024; 12(1): 46-47.
5. **Rahmati Roodsari S**, Zali A, Alipour M. Effect of Magnetic Fields on Women's Health. *Fertility, Gynecology and Andrology*. 2023; 3(1): e137085.
6. Khodadoost M, Zali A, Gholamzadeh S, Azizmohammad Loocha M, Akrami F, **Rahmati Roodsari S**, Esmaeili S, Khounraz F, Amini M, Mohammadi G. Job Burnout and Reduced Personal Accomplishment Among Health Sector Employees During COVID-19 Pandemic. *Health Scope*. 2023; 12(1): e129841.
7. Zali A, Safari S, **Rahmati Roodsari S**, Niknazar S. Molecular and Cellular Basis of Misfolded Proteins in Neurodegenerative Diseases. *International Clinical Neuroscience Journal*. 2022; 9: e32.
8. Pirmohamadi H, **Rahmati Roodsari S**, Arab-Mazar Z, Rahimi M. Pain Management After Total Knee Arthroplasty. *Interventional Pain Medicine and Neuromodulation*. 2022; 1(1): 1-2.
9. Salehizadeh S, Bizhani N, Arab-Mazar Z, **Rahmati Roodsari S**. Headache as a Significant Central Nervous System Manifestation of COVID-19 Infection. *International Clinical Neuroscience Journal*. 2022; Vol. 9: Page e7.
10. Eftekharian Sh, Zali A, **Rahmati Roodsari S**, Pirmohamadi H, Arab-Mazar Z, Rahimi M. Pain Management Strategies and Improving Comfort in Orthodontics. *Interventional Pain Medicine and Neuromodulation*. 2021; 1(1): 1-2.
11. Arab-Mazar Z, Niyayati M, Javanmard E, Kamali M, Lasjerdi Z, **Rahmati Roodsari S**. Molecular identification of *Acanthamoeba* genotypes isolated from oral cavity of heart transplant patients in Iran. *Transpl Infect Dis*. 2021; Oct 6.
12. Rabiei MM, Zali A, **Rahmati Roodsari S**, Arab-Mazar Z, Lotfali E. Candidiasis in COVID-19 Patients. *Novelty in Biomedicine*. 2021; 9(2): 101-103.
13. Eftekharian Sh, **Rahmati Roodsari S**, Arab-Mazar Z, Rahimi M. Schizophrenia: The Dark Side of Toxoplasmosis. *International Clinical Neuroscience Journal*. 2021; 8(2): 53-54.
14. **Rahmati Roodsari S**, Arab-Mazar Z. What is the Role of the Anti-Parasitic Drugs in the Treatment of Coronavirus Disease 2019? *Novelty in Biomedicine*. 2021; 9(1): 31-32.

15. Mohsen Rahimi, Arab-Mazar Z, **Rahmati Roodsari S**. Nanomedicine: The Novel Weapon against Parasitic Infections. *Novelty in Biomedicine*. 2020; 8(4): 210-211.
16. Arab-Mazar Z, **Rahmati Roodsari S**. Which Test to Perform for Cystic hydatid Diagnosis and When? *Novelty in Biomedicine*. 2020; 8(2): 101-102.
17. Arab-Mazar Z, **Rahmati Roodsari S**, Mirabedyni Z, Haghighi L, Rahimi M. Imported Malaria in an Iraqi Immigrant to Iran: Relevance for the Maintenance of Elimination Status. *Novelty in Biomedicine*. 2020; 8(2): 98-100.
18. Arab-Mazar Z, Fallahi Sh, Yadegarynia D, Javadi Mamaghani AR, Seyyed Tabaei SJ, Rajaeian S, **Rahmati Roodsari S**. Immunodiagnosis and molecular validation of *Toxoplasma gondii* infection among patients with end-stage renal disease undergoing haemodialysis. *Parasitology*. 2019; 146 (13), 1683-1689.
19. Yadegarynia D, **Rahmati Roodsari S**, Arab-Mazar Z. Prevalence of HIV Infection among Hemodialysis Patients. *Novelty in Biomedicine*. 2018; 6(3): 155-156.
20. Yadegarynia D, **Rahmati Roodsari S**. Immediate Smoking Cessation Among People Living with HIV. *Arch Clin Infect Dis*. 2017; 12 (2): 1-2.
21. Yadegarynia D, Hatami H, **Rahmati Roodsari S**, Z Arab-Mazar. Seroprevalence of hepatitis B, C and D viral among hemodialysis patients in Tehran. *Iranian Journal of Microbiology*. 2017; 9 (3):195-199.
22. Niyyati M, Arab-Mazar Z, Lasjerdi Z, Lorenzo-Morales J, Espotin A, Yadegarynia D, Gachkar L, **Rahmati Roodsari S**. *Parasitology research*. 2017; 116 (11): 2965-2969.
23. Kazemi H, Yadegarynia D, **Rahmati Roodsari S**, Arab-Mazar Z. Evaluation of Antimicrobial Susceptibility Among *Acinetobacter baumannii* by E-Test Method at Khatam-Al-Anbia Hospital During 2013-2015. *Zahedan Journal of Research in Medical Sciences*. 2017; 19(1): 1-4.
24. Yadegarynia D, Karimi J, **Rahmati Roodsari S**, Arab-Mazar Z. Evaluation of the Antimicrobial Resistance of *Klebsiella pneumoniae* by E-Test Method in Khatam_ol_Anbia Hospital, Tehran, Iran, during 2015. *Infection, Epidemiology and Medicine*. 2017; 3 (1), 9-11.
25. Eslami G, Ghalavand Z, Esmaeili Benvidi M, Hashemi A, **Rahmati Roodsari S**, Node Farahani N, Karimi Yazdi MM, Samadi R. THE PREVALENCE OF METHICILLIN - RESISTANT STAPHYLOCOCCUS AUREUS IN A PEDIATRIC HOSPITAL IN TEHRAN. *International Journal of Analytical, Pharmaceutical and Biomedical Sciences*. 2016; 5 (3): 1-7.

26. Yadegarynia D, **Rahmati Roodsari S**, Arab-Mazar Z. Evaluation of Antimicrobial Susceptibility Among Enterococcus Species by E-Test Method at Khatam-ol-Anbia Hospital During 2013–2014. Archives of Clinical Infectious Diseases (ArchCID). 2016; 11 (1): 1-3.
27. Yadegarynia D, Khalili Azad M, Gachkar L, **Rahmati Roodsari S**, Arab-Mazar Z, Drug Resistance of Acinetobacter in Selected Hospitals. Novelty in Biomedicine. 2015;3(3): 103-10.
28. Fayaz F, **Rahmati Roodsari S**, Gachkar L, Pourkaveh B. Bacterial Infection of Pacemaker in Patients with Endocarditis, Novelty in Biomedicine. 2015; 3(2), 84-8.
29. Fayaz F, Gachkar L, **Rahmati Roodsari S**, Pourkaveh B. Prevalence of Helicobacter pylori Infection in Patients With Down Syndrome and Mental Retardation. Archives of Clinical Infectious Diseases (ArchCID). 2014; 9(4):e22064.
30. **Rahmati Roodsari S**, Fayaz F. Relationship between nosocomial infections and response to the treatment of tuberculosis in children. Bulletin of Environment, Pharmacology and Life Sciences. 2014; 3(3):07-09.
31. **Rahmati Roodsari S**, Naraghi M, Pourkaveh B. Case series of inverted papilloma in Amir-Alam Hospital, Tehran. Bulletin of Environment, Pharmacology and Life Sciences. 2014; 3(3):10-12.
32. Rahmati-Roodsari M, **Rahmdar SR**, Alfaragi M, Saeedi M, Rahmati Roodsari S, Sajadi Nia RS. Association of HSV1/2 Infection and Pemphigus Disease. Archives of Pediatric Infectious Diseases. 2014;2(2): 207-210.
33. **Rahmati Roodsari S**, Bitajian F, Gachkar L, Jadali F, Adabian S, Sadat Sajadi Nia R, Maham S. Detection of Noroviruses Isolated From Children With Acute Gastroenteritis by Rt-PCR in Iran. Archives of Pediatric Infectious Diseases. 2013; 1(2): 57-60.
34. Fayaz F, **Rahmati Roodsari S**, Gachkar L, Pourkaveh B, Ghasemian Safaei H. The Antimicrobial Activity of Ferula Gummosa on Bacterial Strains Isolated from Patients with Gastroenteritis. Iranian Journal of Clinical Infectious Diseases . 2011; 6 (Suppl): 21-24.
35. Keshtkar-Jahromi M, Argani H, Rahnavardi M, Mirchi E, Atabak Sh, Tara SA, Gachkar L, Noori-Froothghe A, Mokhtari-Azad T, **Rahmati Roodsari S**. Antibody Response to Influenza Immunization in Kidney Transplant Recipients Receiving either Azathioprine or Mycophenolate: A Controlled Trial. American Journal of Nephrology. 2008; 28:654-660.
36. Rahmati Rudsari M, Malekzad F, **Rahmati Roodsari S**. Prevalence of scabies and pediculosis in Ghezel Hesar prison. Iranian Journal of Clinical Infectious Diseases. 2007;2(2):87-90.

Conference/Congress/Seminar Presentation

1. Yadegarynia D, Hatami H, **Rahmati Roodsari S**, Arab-Mazar Z. Seroprevalence of hepatitis B, C and D viral among hemodialysis patients in Tehran . 9th Iranian Congress of Epidemiology. 2019 Oct 22-24 ; Tehran, Iran. (Poster Presentation)
2. Yadegarynia D, **Rahmati Roodsari S**, Arab-Mazar Z. Prevalence of HIV Infection among Hemodialysis Patients. The 3rd International and the 7th National Iranian Congress of HIV/AIDS. 2018 Nov 21-23; Tehran, Iran. (Poster Presentation)
3. Nagahi A, **Rahmati Roodsari S**, Rajaeian S, Arab-Mazar Z. Prevalence of HIV in admitted patients in Erfan Hospital during 2006-2016, Tehran, Iran. The 2nd International and the 6th National Iranian Congress of HIV/AIDS . 2016 December 7-9 ; Tehran, Iran. (Poster Presentation)
4. **Rahmati Roodsari S**, Fayaz F. Relationship between Nosocomial infections and Response to the Treatment of Tuberculosis in children. The 3rd Iranian Congress of Medical Bacteriology. 2015 Nov 1-13; Tehran, Iran. (Poster Presentation)
5. Yadegarinia D, Gachkar L, Abedy Sh, **Rahmati Roodsari S**. Prevalence And Drug Resistance Of Acinetobacter Baumannii In Icu Of A Teaching Hospital. The 3rd Iranian Congress of Medical Bacteriology. 2015 Nov 1-13; Tehran, Iran. (Poster Presentation)
6. Yadegarynia D, Khalili Azad M, Gachkar L, **Rahmati Roodsari S**, Arab-mazar Z. Drug Resistance of Acinetobacter in Selected Hospitals. The 16th International and Iranian Congress of Microbiology. 2015 Aug 25-27; Tehran, Iran. (Poster Presentation)
7. Fayaz F, **Rahmati roodsari S**, Gachkar L, Pourkaveh B, Arab-Mazar Z. Bacterial Infection of Pacemaker in Patients with Endocarditis. The 24th Iranian Congress of Infectious Disease and Tropical Medicine. 2015 Dec 19-23; Tehran, Iran. (Poster Presentation)
8. **Rahmati Roodsari S**, Naraghi M, Pourkaveh B. Case series of inverted papilloma in Amir-Alam Hospital, Tehran. National Congress of Comprehensive Cancer Control Program. 2014 Feb 4-6. (Poster Presentation)
9. Keshtkar-Jahromi M, Vakili H, Razavi S.M, Gholamin S, Eskandari A, Rahnavardi M, Keshtkar-Jahromi Mitra, Haghighat B, Gachkar L, **Rahmati Roodsari S**, Keshtkar-Jahromi M, Mokhtari-Azad T. Serologic response to Influenza vaccine in coronary artery disease patients: FLUVAC study. European Congress of Clinical Microbiology and Infectious Diseases(ECCMID). 2009 May 16-19; Helsinki, Finland.(Poster Presentation)
10. Yadegarynia D, Haghighi M, Abbasi F, Moshfegh M. Rafizadeh R, **Rahmati Roodsari S**. High dose itraconazole as maintenance therapy for CNS aspergillosis in a immunocompetent patient. The 1st International Congress of Infection in Transplantation and Cancer. 2008 Jun 10-12; Tehran, Iran.(Poster Presentation)
11. Keshkar- Jahromi M, Argani H , Rahnavardi M, Noori- Froothghe A, Mirchi E, Atabak Sh , Tara S A , Gachkar L , Mokhtari- Azad T , **Rahmati Rodsari S**. Antibody Response to Influenza Immunization in Kidney Transplant Recipients Receiving either Azathioprine or Mycophenolate: A Controlled Trial. The

1st International Congress of Infection in Transplantation and Cancer. 2008 Jun 10-12; Tehran, Iran. (Oral Presentation)

Books

1. Drugs, Treatment and Introduction of COVID-19 Vaccines. Pakravan E, **Rahmati Roodsari S**, Niknazar S, Safari S, Akbari S. Supervised by Zali A. 2022.
2. Home Care, Vitamins, Smoking, Pets, Rules for Reopening Schools and Universities During the Coronavirus Epidemic. Pakravan E, **Rahmati Roodsari S**, Safari S, Akbari S. Supervised by Zali A. 2022.
3. Researches Conducted on COVID-19 Vaccines and Researches on the Effects of Corona Vaccines on Children, Teenagers and Pregnant Women. Pakravan E, **Rahmati Roodsari S**, Safari S, Akbari S, Niknazar S. Supervised by Zali A. 2022.
4. COVID-19 in Men, Women, Children and Pregnancy. Pakravan E, **Rahmati Roodsari S**, Safari S, Akbari S, Niknazar S. Supervised by Zali A. 2022.
5. Genetics and the Effect of Covid-19 on Different Organs (Smell and Taste, Skin, Overweight and Obesity, Eyes, Blood and Vessels). Pakravan E, Safari S, **Rahmati Roodsari S**, Akbari S. Supervised by Zali A. 2022.
6. Complications of Covid-19, Its Effect on Nerves, Brain, Heart and Underlying Diseases. Pakravan E, Safari S, **Rahmati Roodsari S**, Akbari S. Supervised by Zali A. 2022.
7. Covid-19 and Immune System. Pakravan E, Safari S, Akbari S, **Rahmati Roodsari S**. Supervised by Zali A. 2022.
8. Recognition and Understanding Covid-19, Symptims and Long Covid. Pakravan E, Safari S, Akbari S, **Rahmati Roodsari S**. Supervised by Zali A. 2022.
9. Transmission Modes of Coronavirus, Prevention Methods and Using Mask. Pakravan E, Safari S, Akbari S, **Rahmati Roodsari S**. Supervised by Zali A. 2022.
10. Introduction to Coronavirus: Origin, Mutations, Variants and Evolution. Pakravan E, Safari S, Akbari S, **Rahmati Roodsari S**. Supervised by Zali A. 2022.

Research Projects

1. The Gut–Brain–Skin Axis in the Pathophysiology of Atopic Dermatitis: A Narrative Review of Microbial, Neuroimmune Interactions- Review study
2. Study of The effect of lifileucel, a tumor infiltrating lymphocyte therapy, on treatment and prognosis of advanced melanoma: a systematic review and meta-analysis
3. Investigating the cellular aging effect in glioblastoma through reconstruction of gene co-expression patterns in single cell and bulk RNA sequencing datasets and experimental validation of the results
4. Reconstructing the co-expression network of molecular interactions of the epithelial-mesenchymal transition (EMT) process in Glioma, Meningioma and Pituitary Adenoma using systems biology tools and in vitro investigation of the most important candidate genes
5. Reconstruction of the Wnt signaling pathway in Glioma using systems biology approaches and experimental investigation of the most important candidate genes

6. The relationship between infertility and psychological disorders: a systematic review and meta-analysis
7. Impacts of SARS-CoV-2 on brain renin-angiotensin system signaling and its subsequent effects on the brain: as a theoretical perspective, 2023
8. Review of emerging approaches to deep brain stimulation, 2023
9. Study of therapeutic effect of mesenchymal stem cells and their exosomes in multiple sclerosis disease, 2022
10. Assessment of Job Burnout in Working Women of Shahid Beheshti University of Medical Sciences, 2021
11. Frequency and molecular identification of free-living amoebae (*Acanthamoeba* and *Balamuthia*) in heart transplant patients in Rajaei hospital, Tehran , 2019
12. Isolation and molecular detection of pathogenic free-living amoebae in nasal swabs of hemodialysis patients in Tehran selected hospitals, 2016
13. Frequency of Hepatitis C, B and D infections in Hemodialysis Patients in Tehran Province in Selected Hospitals, 2016
14. The inhibitory effects of the cell wall of *Lactobacillus reuteri* on cell proliferation in the colon cancer HCT-116 cell lines
15. Frequency of *Toxoplasma gondii* in hemodialysis patients by ELISA and PCR
16. Considering of levamisole effect on HBV vaccination in HIV + patients
17. Evaluation of Antimicrobial Susceptibility among *Acinetobacter* Species by E-test Method at Khatam ol Anbia Hospital during 2013-2014.
18. Investigation of antibiotic resistance and resistance genes to ciprofloxacin in otitis media and externa referred to Tehran hospitals in 1393-94
19. Evaluation of Antimicrobial Susceptibility among *Enterococcus* Species by E-test Method at Khatam ol Anbia Hospital during 2013-2014
20. Detection of CMV and genes among ESBL – producing *Klebsiella pneumonia* strains from university hospitals by PCR and sequencing method
21. Molecular detection of the genes TSST-1 (*tsst*), exfoliative toxin A (*eta*), exfoliative toxin B (*etb*), *ermA*, *ermC*, *mecA* in methicillin resistant *Staphylococcus aureus* strains isolated from the university health centers during 2013-2014
22. Incident of bacterial infection of pacemakers in patients with endocarditis
23. Effect of humoral antibody response to influenza vaccine on reducing cardiovascular Participated at of Participated at of events in patients with coronary artery disease
24. Subtyping and assessment of HIV 1 virus resistance in medical health centers of shahid beheshti medical university
25. Molecular identification of *Acinetobacter baumannii* drug resistance pattern in hospitalized patients
26. Determination of postneurosegeical meningitis causes in 3 hospitals in Tehran during 1389-1390
27. Assessment of prevalence of *Helicobacter pylori* in Down syndrome and mentally retardrd population institutionalized in welfare centers
28. Evaluation of Quinolone reissuance with cell culture and MIC methods in women infected to *Chlamydia trachomatis* genital infection
29. Evaluation of Antimicrobial Susceptibility among *Acinetobacter* Species in ICU at Khatam ol Anbia Hospital during 2012-2013
30. Evaluation of Antimicrobial Susceptibility among *Klebsiella pneumonia* by E-test method at Khatam ol Anbia Hospital during 2014

31. Evaluation of Antimicrobial Susceptibility among Enterococcus species by E-test method at Khatam ol Anbia Hospital during 2014
32. Comparison of Nutrition status of elementary students of affluent area and relatively deprived areas of Tehran
33. The relationship between socioeconomic status and nutritional status of infants

Participation at Congresses

1. Participated at 2nd international and 6th national congress of HIV/AIDS , 7-8 December 2016 , Tehran, Iran
2. Participated at Iran and France joint seminar of infectious diseases , 21-22 November 2016, Tehran, Iran
3. Participated at soft tissue infections and Influenza symposium, 20 October 2016, Tehran, Iran
4. Participated at MERS-CoV infections symposium, 5 August 2014, Tehran, Iran
5. Participated at periodic conference of Iranmehr hospital, 26 June 2014, Tehran, Iran
6. Participated at rational administration of antibiotics symposium, 28 February 2014, Tehran, Iran
7. Participated at vaccination in immunocompromised patients symposium, 20 February 2014, Terhan, Iran
8. Participated at one-day symposium on Disease Care System (Tuberculosis and its control), 16 January 2014, Tehran, Iran
9. Participated at one-day symposium on Diagnosis and Treatment Guidelines for Diabetic Foot
10. Participated at 1st international and 5th national congress of brucellosis, 29-31 October 2013, Tehran, Iran
11. Participated at 2nd Iranian Congress of Clinical Microbiology, 2-4 October 2013, Tehran, Iran
12. Participated at the epidemiological status of cholera in Iran and its newcomers symposium, 17 September 2013, Tehran, Iran
13. Participated at Promotes Breastfeeding national symposium, 6 August 2013, Terhan, Iran
14. Participated at MERS-CoV infections symposium, 7 July 2013, Tehran, Iran
15. Participated at prevention and early detection of Colorectal, Stomach, Breast and Cervical Cancer symposium, 7 July 2013, Tehran, Iran
16. Participated at viral infection symposium (Influenza & SARS), 25 December 2012, Tehran, Iran
17. Participated at emergencies and common diseases in pediatric medicine, 12-14 December 2012
18. Participated at 6th annual congress of Iranian society of rheumatology, 17-18 October 2012
19. Participated at hepatitis C symposium, 9 October 2012
20. Participated at interaction with infectious diseases symposium, 14 July 2012
21. Participated at CCHF symposium, 7 August 2012
22. Participated at CCHF symposium, 25 June 2012
23. Participated at Antimicrobial agent and resistance seminar, 24-25 May 2012
24. Participated at breast cancer congress, 22-24 February 2012
25. Participated at 2nd international safe pregnancy seminar, 15-17 February 2012
26. Participated at international congress of medical devices and materials in field of infection control and sterilization, 8-10 February 2012
27. Participated at 4th national congress of brucellosis, 13-15 December 2011

28. Participated at 3rd national congress of AIDS, 30 November-2 December 2010
29. Participated at 3rd national congress of brucellosis, 23-25 June 2009
30. Participated at congress of tuberculosis and its control, 28 December 2010
31. Participated at continues program of infertility and sterility, 22 December 2010
32. Participated at continues program of Occupational Medicine³, 22 December 2010
33. Participated at continues program of common poisoning, 22 December 2010
34. Participated at interaction with Feverish diseases symposium, 12 January 2011
35. Participated at continues program of Sports Medicine, 6 August 2010
36. Participated at scientific congress of Iranian general physician, 2 August 2010
37. Participated at evaluation common antibiotics resistance seminar in Iran , 27-29 May 2010
38. Participated at continues program of CRP1 , 6 April 2010
39. Participated at Peritoneal Dialysis and Infectious complications in pediatrics, 16-17 February 2010
40. Participated at infection and pediatric surgery seminar, 3-4 February 2010
41. Participated at Arthritis in children, 27-18 January 2010
42. Participated at one-day tuberculosis symposium, 1 September 2009
43. Participated at national congress of brucellosis, 23-25 June 2009
44. Participated at Toxicology and poisoning national seminar, 18-20 May 2009
45. Participated at Swine flu symposium, 12 May 2009
46. Participated at Lymphadenopathy seminar, 4-5 February 2009
47. Participated at updates in mechanical backache seminar, 6-7 March 2009
48. Participated at 2nd national AIDS congress, 1-3 January 2009
49. Participated at Vascular surgery and trauma congress, 27-29 December 2008
50. Participated at 17th international congress of infectious diseases and tropical medicine, 20-25 December 2008
51. Participated at nosocomial infections congress, 28 August 2008
52. Participated at congress on heart failure in Iran, 13-15 July 2008
53. Participated at 1st international congress of infection in transplant and cancer, 10-12 July 2008
54. Participated at 2nd annual congress of Iranian society of gynecology and oncology, 11-12 June 2008
55. Participated at seminar of febrile convulsion, 30-31 January 2008
56. Participated at Epilepsy Conference, 20-21 December 2007
57. Participated at 16th annual congress of Iranian society of internal medicine, 15-19 December 2007
58. Participated at nosocomial infection controls congress, 7 November 2007
59. Participated at 2nd national congress of brucellosis, 19-21 May 2007
60. Participated at 18th annual congress of Iranian society of internal medicine, 16-18 May 2007
61. Participated at 1st national congress of AIDS, 28-30 November 2006
62. Participated at Hepatitis B update seminar, 16-17 November

Professional Training

1. ICDL1&2

2. English language certificate from Simin Institute
3. Scientific writing workshop, 14 May 2016
4. English scientific writing for ISI journals, 7-8 May 2014

Awards & Honors

2021: Selected as elected lady of Shahid Beheshti University of Medical Sciences in the Iranian Women's Health Week commemoration ceremony (SABA)

2020: Selected as elected lady of Shahid Beheshti University of Medical Sciences in the Iranian Women's Health Week commemoration ceremony (SABA)

1998: Ranked 65 in university entrance exam

1998: Ranked 6 in Islamic Azad University entrance exam

1997: Ranked 1 Ayandesazan scientific competition

Skills

1. English texts translation to Persian
2. Persian texts translation to English
3. Proficient in computer skills