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EDUCATION:

- Pediatric HIV Observership, St. Marry Hospital, London, UK, 2014
- Sub-specialty in Pediatric Infectious Tehran University of Medical Sciences (1998 – 2000)
- Pediatric residency from Tehran University of Medical Sciences (1992 – 1995)
- General practitioners University of Medical Sciences (1984 – 1991)

PROFESSIONAL EXPERIENCES:

1991-1992: General practitioner in Malayer, Hamedan province, Iran

1995-1998: Faculty member of University of Social Welfare and rehabilitation Sciences.

2001-2020: Faculty Member of Shahid Beheshti University of Medical Sciences (SBMU)

2002-2005:

- Infectious consultant in Bone Marrow Transplant, Taleghani Hospital, Tehran
- Member of the Flaccid Paralysis Committee in SBMU
- Head of Bacteriology Committee, PRIC, SBMU
- Member of Internship Exam Committee

2014-2020:

- Founder member of the Nephrology Research Center of Nephrology Research Center
- Member of measles and congenital rubella syndrome Committee, Shahid Beheshti University of Medical Sciences.
- HIV committee secretary Pediatric Infectious Research Center.
- Installation of first pediatric HIV clinic, Mofid Children's Hospital
- Member of the Editorial Board of the journal Archives of pediatric infectious diseases

PUBLICATIONS:

1. Raheleh Razmara, **Shahnaz Armin**, Sepideh Mirzayi, Leila Azimi, Abdollah Karimi "Evaluation of Health Care Commitment with Prevention and Infectious Control Protocols in Mofid Children Hospital, Iran" *Arch Pediatr* 2025;13 (2), e149006.
2. Sara Badiepour, Sharareh Kamfar, Samin Alavi, **Shahnaz Armin**, Reza Taherian " Clinical Characteristics and Outcomes of COVID-19 in Pediatric Cancer Patients: A Retrospective Cohort Study" *Arch Pediatr* 2025;13 (2), e153545.
3. Hannan Khodaei, Mohammad Ehsan Yari, Seyed Hossein Ardehali, Masoud Alebouyeh, Nafiseh Abdollahi, Fatemeh Fallah, Leila Azimi, **Shahnaz Armin**, Abdollah Karimi, Hiran Rokni " The concurrent identification of SARS-CoV-2 and influenza A/B viruses in nasopharyngeal swabs using multiplex Real-Time PCR" *Archives of Razi Institute* 2025.
4. Leila Azimi, Fatemeh Shirkavand, **Shahnaz Armin**, Fereshteh Karbasian, Hannan Khodaei " Design and development of primers for detection of Streptococcus pneumoniae, Haemophilus influenzae, and Neisseria meningitidis" *GMS Hyg Infect Control* 2025 Apr 30;20:Doc16.
5. Leila Azimi, Hadi Hasani, Abdollah Karimi, Seyed Alireza Fahimzad, Ali Rezaei, Fatemeh Fallah, Shima Fatehi, **Shahnaz Armin**, Mohammadreza Sadr "Virulent genes related to the synthesis of community interaction factors among clinical samples of multidrug-resistant Acinetobacter baumannii in Iran" *GMS Hyg Infect Control* 2025 May 21;20:Doc23.
6. Fatemeh Fallah, Abdollah Karimi, Leila Azimi, Ghazale Ghandchi, Zari Gholinejad, Nafiseh Abdollahi, Nazanin Ahari Oskooie, Hannan Khodaei, **Shahnaz Armin**, Azita Behzad, Seyedeh Masumeh Hashemi, Seyedeh Narjes Ahmadizadeh, Masoud Alebouyeh "The impact of the COVID-19 pandemic on pediatric bloodstream infections and alteration in antimicrobial resistance phenotypes in Gram-positive bacteria, 2020–2022 " *BMC Pediatrics* (2024) 24:671.
7. Mahnaz Jamee, Samin Sharafian, Narges Eslami, Shideh Namazi Bayegi, Mohammad Keramatipour, Mohamad Nabavi, Sima Shokri, Marjan Shakiba, Bibi Shahin Shamsian, Hassan Abolghasemi, Kurosh Vahidshahi, Ghamartaj Khanbabaee, **Shahnaz Armin**, Zahra Chavoshzadeh, Mehrnaz Mesdaghi " Revisiting double-negative T cells in autoimmune lymphoproliferative immunodeficiencies: a case series" *Allergol Immunopathol (Madr)*. 2024;52(5):6–14.
8. Fatemeh Fallah, Abdollah Karimi, Leila Azimi, Ghazale Ghandchi, Zari Gholinejad, Nafiseh Abdollahi, Nazanin Ahari Oskooie, Hannan Khodaei, **Shahnaz Armin**, Azita Behzad, Seyedeh Masumeh Hashemi, Seyedeh Narjes Ahmadizadeh, Masoud Alebouyeh " The impact of COVID-19 pandemic on bloodstream infections in pediatrics and alteration in antimicrobial resistance phenotypes, 2020-2022" *BMC Pediatrics* on October 18th, 2024.

9. Leila Azimi, Hadi Hasani, Abdollah Karimi, Seyed Alireza Fahimzad, Fatemeh Fallah, Shima Fatehi, **Shahnaz Armin**, Mohammadreza Sadr "Characterization of genes involved in the iron acquisition system of multidrug-resistant *Acinetobacter baumannii*" *GMS Hygiene and Infection Control* 2024, Vol. 19, ISSN 2196-5226.
10. Mitra Khalili, Zahra Chavoshzadeh, Sepideh Darougar, Mahboubeh Mansouri, Narges Eslami, Delara Babaie, Mehrnaz Mesdaghi, Abdollah Karimi, **Shahnaz Armin**, Alireza Fahimzad, Roxana Mansour Ghanaei, Sedigheh Rafiee Tabatabaie, Fatemeh Akrami "The Radiological Manifestations of Phagocytic Primary Immunodeficiencies in Children" *Iranian Journal of Allergy, Asthma and Immunology* 2023; 22 (4).
11. Fariba Shirvani, Romina Hassanzadeh, Bahareh Attaran, Ghazale Ghandchi, Nafiseh Abdollahi, Zari Gholinejad, Zahra Sheikhi, Azita Behzad, Fatemeh Fallah, Leila Azimi, Azam Safarkhani, Abdollah Karimi, Alireza Mahdavi, **Shahnaz Armin**, Roxana Mansour Ghanaiee, Sedigheh Rafiei Tabatabaei, Seyed Alireza Fahimzad, Masoud Alebouyeh "The intestinal carrier status of *Enterococcus* spp. in children: clonal diversity and alterations in resistance phenotypes before and after admission to a pediatric " *BMC pediatrics* 2023; 23 (1).
12. Nasim Almasian Tehrani, Leila Azimi, **Shahnaz Armin**, Neda Soleimani, Fatemeh Fallah, Abdollah Karimi, Bibi Shahin Shamsian, Shiva Nazari, Masoud Alebouyeh "Endogenous Bacteremia Caused by Intestinal Colonization of Carbapenem-Resistant Enterobacteriaceae (CRE) in Immunocompromised Children" *Tropical Medicine and Infectious Disease* 2023; 8 (8).
13. Nasim Almasian Tehrani, Leila Azimi, **Shahnaz Armin**, Neda Soleimani, Fatemeh Fallah, Abdollah Karimi, Bibi Shahin Shamsian, Shiva Nazari, Masoud Alebouyeh Endogenous Bacteremia Caused by Intestinal Colonization of Carbapenem-Resistant Enterobacteriaceae (CRE) in Immunocompromised Children " *Tropical Medicine and Infectious Disease* 2023; 8 (8).
14. Leily Mohajerzadeh, Mahmoud Hajipour, Manoochehr Ebrahimian, Mehdi Sarafi, Gholamreza Ebrahimisaraj, Nastaran Sadat Mahdavi, **Shahnaz Armin**, Leila Azimi, Zeinab Nikan Fard, Alireza Haghbin Toutounchi " Impact of the COVID-19 Pandemic on Elective and Emergency Pediatric Surgeries: A Single-Center Experience in a Tertiary Center in Iran" *International Journal of Pediatrics* 2023; 11 (6).
15. Fariba Shirvani, Romina Hassanzadeh, Bahareh Attaran, Ghazale Ghandchi, Nafiseh Abdollahi, Zari Gholinjad, Zahra Sheikhi, Azita Behzad, Fatemeh Fallah, Leila Azimi, Azam Safarkhani, Abdollah Karimi, Alireza Mahdavi, **Shahnaz Armin**, Roxana Mansour Ghanaie, Sedigheh Rafiei Tabatabaei, Seyed Alireza Fahimzad, Masoud Alebouyeh " Fecal carriage and enrichment of multidrug-resistant Enterococci among admitted children in a pediatric intensive care unit" *BMC Pediatrics* 2023.
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17. Arefeh Zahmatkesh, Mahnaz Jamee, Zahra Chavoshzadeh, Abdollah Karimi, **Shahnaz Armin**, Roxana Mansour Ghanaie, Mehrnaz Mesdaghi, Samin Sharafian " Ecthyma Gangrenosum in Three Unrelated Patients with Combined Immunodeficiency " *Journal of Clinical Pediatrics and Child Care Research* 2023; 4 (1).
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20. **Shahnaz Armin**, Fatemeh Fallah, Abdollah Karimi, Fereshteh Karbasiyan, Masoud Alebouyeh, Sedigheh Rafiei Tabatabaei, Maryam Rajabnejad, Roxana Mansour Ghanaie, Seyed Alireza Fahimzad, Nafiseh Abdollahi, Hannan Khodaei, Leila Azimi " Antibiotic susceptibility patterns for carbapenem-resistant Enterobacteriaceae " *International Journal of Microbiology*. 2023.
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22. Leila Azimi, Fatemeh Fallah, Abdollah Karimi, Fariba Shirvani, Nasim Almasian Tehrani, **Shahnaz Armin**, Nafiseh Abdollahi, Parisa Mobasser, Maryam Rajabnejad, Roxana Mansour Ghanaie, Seyedeh Mahsan Hoseinifatemeh, Seyed Alireza Fahimzad, Najmeh Karami, Mercedeh Tajbakhsh, Ghazaleh Ghandchi, Sedigheh Rafiei Tabatabaei " Prevalence and Antimicrobial Resistance Patterns in ESKAPE Pathogens in Iran " *Archives of Pediatric Infectious Diseases*. 2023; 11(1).
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intensive care unit at admission and at discharge " *Molecular Biology Reports*. 2023; (1-11).

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27. Seyedeh Masumeh Hashemi, Niloofar Esfahanian, Seyyedeh Narjes Ahmadizadeh, Azita Behzad, Maryam Alemzadeh, Fariba Shirvani, **Shahnaz Armin**, Yasaman Esfahanian " Spontaneous Pneumothorax in a Child with COVID-19 " *Archives of Pediatric Infectious Diseases*. 2022; 10(Suppl).
28. Abdollah Karimi, Sedigheh Rafiei Tabatabaei, Ghazal Shariatpanahi, Mohsen Javadzadeh, **Shahnaz Armin**, Zahra Yeganeh " Isolated Chronic Aseptic Meningitis Due to SARS-COV-2 Unresponsive to Ordinary Treatments " *Archives of Pediatric Infectious Diseases*. 2022; 10(Suppl).
29. **Shahnaz Armin**, Mohammadreza Mirkarimi, Zahra Pourmoghaddas, Marjan Tariverdi, Ahmad Shamsizadeh, Mohsen Alisamir, Maryam Mohammadian, Mohammad Bagher Rahmati, Sedigheh Rafiei Tabatabaei, Roxana Mansour Ghanaiee, Seyed Alireza Fahimzad, Ayeh Yaraghi, Seyedeh Mahsan Hoseini-Alfatemi, Noushin Marhamati, Farzad Esmaeili Tarki, Armin Shirvani, Abdollah Karimi " Evidence-Based Prediction of COVID-19 Severity in Hospitalized Children " *International Journal of Clinical Practice*. 2022.
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virulence genes and antibiotics susceptibility in Iranian population " *Journal of Research in Medical Sciences*. 2022; 27.

33. **Shahnaz Armin**, Seyed Alireza Fahimzad, Sedigheh Rafiei Tabatabaei, Roxana Mansour Ghanaiee, Noushin Marhamati, Seyyede Narjes Ahmadizadeh, Azita Behzad, Seyede Masumeh Hashemi, Saeed Sadr, Maryam Rajabnejad, Mahnaz Jamee, Abdollah Karimi " COVID-19 Mortality in Children: A Referral Center Experience from Iran (Mofid Children's Hospital, Tehran, Iran) " *Canadian Journal of Infectious Diseases and Medical Microbiology*. 2022;1.
34. RM Ghanaiee, Abdollah Karimi, Seyede Mahsan Hoseini-Alfatemi, James A Seddon, Mahshid Nasehi, Payam Tabarsi, Seyed Alireza Fahimzad, **Shahnaz Armin**, Javad Akbarizadeh, Elahe Rahimarbabi, Leila Azimi " Household contact investigation for the detection of active tuberculosis and latent tuberculosis: a comprehensive evaluation in two high-burden provinces in Iran" *New Microbes and New Infections*. 2022; 45.
35. Sedigheh Rafiei Tabatabaei, Abdollah Karimi, **Shahnaz Armin**, Seyed Alireza Fahimzad, Roxana Mansour Ghanaiee, Saeed Sadr, Mitra Khalili, Amirhossein Hosseini, Hojjat Derakhshanfar, Mina Alibeik, Mehrdad Yasaei " Life-threatening SARS-CoV-2 Infection in Children: A Single-center Case Series " *Archives of Pediatric Infectious Diseases*. 2021; 10(4).
36. Taher Azimi, Fatemeh Fallah, Mohammad Reza Pourmand, Abdollah Karimi, **Shahnaz Armin**, Mohammad Rahbar, Leila Azimi " Is the Rattus norvegicus Population Playing a Role in the Transmission of Zoonotic Diseases to Children? A Pilot Study in Tehran, Iran" *Archives of Pediatric Infectious Diseases*. 2021; (In Press).
37. Sedigheh Rafiei Tabatabaei, Abdollah Karimi, Mohammad Nassiri, Leily Mohajerzadeh, **Shahnaz Armin**, Roxana Mansour Ghanaiee, Seyed Alireza Fahimzad, Farideh Shiva, Fatemeh Fallah, Ahmad Reza Shamshiri, Iraj Sedighi, Shirin Sayyahfar, Mohammad Sadegh Rezai, Babak Abdinia, Hosein Heydari, Gholamreza Soleimani, Mostafa Behpour Oskouee, Jafar Soltani, Mehran Ahmadi, Manijeh Kahbazi, Sayeh Hatefi " Is Alvarado Score Helpful for Pediatrician in Diagnosis of Acute Appendicitis? Our Center Experience" *Archives of Pediatric Infectious Diseases*. 2021; 9(3).
38. Abdollah Karimi, Sedigheh Rafiei Tabatabaei, Ghazal Shariatpanahi, Mohsen Javadzadeh, **Shahnaz Armin**, Zahra Yeganeh " Isolated Chronic Aseptic Meningitis Due to SARS-COV-2 Unresponsive to Ordinary Treatments" *Archives of Pediatric Infectious Diseases*. 2021; 10(Suppl).
39. Ahmad Moein Karimi, Maryam Rajabnejad, Zahra Pourmoghaddas, Roxana Mansour Ghanaiee, Sedigheh Rafiei Tabatabaei, **Shahnaz Armin**, Seyed Alireza Fahimzad, Amin Khoshgovari, Katayoun Tayeri, Abbas Solgi, Zahra Soltantooyeh " An algorithmic approach to children's gastroenteritis in SARS-CoV-2 epidemic: Iranian expert's consensus statement" *Archives of Pediatric Infectious Diseases*. 2021; 9(3).

40. Mohammadreza Sadr, Seyed Alireza Fahimzad, Abdollah Karimi, Fatemeh Fallah, **Shahnaz Armin**, Nasim Almasian Tehrani, Ahmad Reza Shamshiri, Leila Azimi " Antimicrobial resistance and molecular epidemiology of virulence genes among multi-drug resistant *Acinetobacter baumannii* clinical isolates in Iran" *Gene Reports*. 2021; 24.
41. **Shahnaz Armin**, Fatemeh Fallah, Abdollah Karimi, Taher Azimi, Hossein Samadi Kafil, Shahram Shahraki Zahedani, Roxana Mansour Ghanaiee, Leila Azimi " Multicentre study of the main carbapenem resistance mechanisms in important members of the Enterobacteriaceae family in Iran" *New Microbes and New Infections*. 2021; 41.
42. Masoumeh Mohkam, Mahbube Mirzaee, Fatemeh Abdollah Gorgi, Sedigheh Rafiei Tabatabaei, Abdollah Karimi, **Shahnaz Armin**, Roxana Mansour Ghanaie, Seyed Alireza Fahimzad, Zahra Pournasiri, Seyedohammadtaghi Hosseini Tabatabaei, Nasrin Esfandiari, Reza Dalirani, Elham Pourbakhtyaran, Ayeh Yaraghi, Fereshteh Karbasian " Renal Involvement in COVID-19 Among Iranian Children" *Archives of Pediatric Infectious Diseases*. 2021; 9(1).
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44. Abdollah Karimi, Roxana Mansour Ghanaie, Mohammad Reza Masjedi, Seyed Alireza Fahimzad, Sedigheh Rafiei Tabatabaei, **Shahnaz Armin**, Fatemeh Fallah, Katayoun Tayeri, Mahboobeh Haji Abdolbaghi, Armin Shirvani, Ali Bidari, Majid Mokhtari, Mojgan Sarmadi, Maryam Rajabnejad " Development of a Novel Scoring System for Comprehensive COVID-19 Patient Evaluation: An Evidence-Based Systematic Review" *Archives of Pediatric Infectious Diseases*. 2021; 9(1).
45. Sedigheh Rafiei Tabatabaei, Abdollah Karimi, Hamid Rahimi, **Shahnaz Armin**, Seyed Alireza Fahimzad, Roxana Mansour Ghanaie, Bahar Dehghan, Maryam Kazemiaghdam, Marzieh Alinezhad, Rana Saleh, Shima Saeidi, Narges Sharifi, Davood Ramezani Nezhad, Mina Alibeik, Zahra Pourmoghaddas " Three Probable Pediatrics COVID-19 Cases with Kawasaki-Like Disease: A Case Series with Follow-Up" *Archives of Pediatric Infectious Diseases*. 2021; 9(1).
46. Shiva Nazari, Mohammad Naderisorki, **Shahnaz Armin**, Zari Gholinejad " Evaluation of Varicella-Zoster Virus Immunoglobulin G in Children With Malignancies on Chemotherapy " *Archives of Pediatric Infectious Diseases*. 2021; 9(1).
47. RM Ghanaie, A Karimi, Z Pourmoghaddas, **S Armin**, SA Fahimzad, F Fallah, K Tayeri, MR Sabri, H Rahimi, AA Zeinaloo, SM Hoseinialfatemi, V Ziaee, R Shiari, B Mirrahimi, A Saffaei, SR Tabatabaei " An Algorithmic Approach to Management of COVID-19 Associated Multisystem Inflammatory Syndrome in Children" *Archives of Pediatric Infectious Diseases*. 2021; 9(1).

48. Mehrdad Mohammadi, **Shahnaz Armin**, Ahmad Piroozmand " Molecular detection and phylogenetic analysis of human parechovirus in children with acute gastroenteritis in Iran" *Future Virology*. 2020; 15(12).
49. Fatemeh Fallah, Taher Azimi, Leila Azimi, Abdollah Karimi, Mohammad Rahbar, Mehdi Shirdoust, Iraj Sedighi, Ata Saadat Sadeghi, **Shahnaz Armin** " Evaluating the antimicrobial resistance and frequency of AmpC β -lactamases *bla_{CMY-2}* gene in Gram-negative bacteria isolates collected from selected hospitals of Iran: A multicenter retrospective study" *Gene Reports*. 2020; 21.
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51. Leila Azimi, Fatemeh Fallah, Abdollah Karimi, Mehdi Shirdoust, Taher Azimi, Iraj Sedighi Sedighi, Mohammad Rahbar, **Shahnaz Armin** " Survey of various carbapenem-resistant mechanisms of *Acinetobacter baumannii* and *Pseudomonas aeruginosa* isolated from clinical samples in Iran" *Iranian Journal of Basic Medical Sciences*. 2020; 23(11).
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- Co-author, chapters of digestive and infectious disease. Pediatric Medicine. 1997
- Co-author, chapter of isolation. The basic concept of nosocomial infection control. 2007
- Co-author, chapter of Cerebrospinal Fluid. The common laboratory test in bedside.2007
- Co-author, chapter of Pathophysiology of fever. Febrile Convulsion
- Co-author, 6 chapters of fever and rash, septic arthritis, septicemia, Arthritis, Pleural effusion and Acute Otitis. Algorithms in the emergency and common pediatric disease. 2010 and 2015 editions
- Co-author, chapter of lumbar puncture. The book of common laboratory study on bedside of patients

HONORS AND AWARDS:

- Appreciation for optimal care, prevention and control of HIV / AIDS in children at university level (Children with AIDS Focal Point)
- Appreciation as a top referee of the Iranian Journal of Clinical Infectious Diseases at the university level
- Appreciation for the production of educational content enabling family doctors in the country
- Appreciation premier educational process at the university level
- The superior rank of educational process in Motahari festival, Shahid beheshti University of medical sciences
- First rank of pediatric infectious board exam in IRAN

PROFESSIONAL MEMBERSHIPS:

- Member of Iran Medical Council
- Member of Iranian Pediatrics Society

