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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. Ghazal Zahed, Parvaneh Karimzadeh, Lawrence Sagin Wissow, Soroor Arman, Marzieh Babaei, Reza Shervin Badv, Vahideh Zeinali, Hadi Zarafshan, **Shahnaz Armin**, Shahram Nasiri, Narges Hashemi, Alireza Moayedi, Collaborating Authors Working Group " Neuropsychiatric Manifestations of COVID-19 in Hospitalized Pediatrics: A Multicenter Cross-sectional Study " *Archives of Pediatric Infectious Diseases*. 2023; 11(1).
2. Leila Azimi, Fatemeh Fallah, Abdollah Karimi, Fariba Shirvani, Nasim Almasian Tehrani, **Shahnaz Armin**, Nafiseh Abdollahi, Parisa Mobasserri, Maryam Rajabnejad, Roxana Mansour Ghanaiee, 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).
3. Nasim Almasian Tehrani, Masoud Alebouyeh, **Shahnaz Armin**, Neda Soleimani, Abdollah Karimi, Bibishahin Shamsian, Shiva Nazari, Leila Azimi " Intestinal Carriage of Carbapenemase-Producing Enterobacteriaceae Members in Immunocompromised Children During COVID-19 Pandemic " *Archives of Pediatric Infectious Diseases*. 2023; 11(1).
4. Masoud Alebouyeh, Fariba Shirvani, Romina Hassanzadeh, Taher Azimi, Ghazale Ghandchi, Nafiseh Abdollahi, Zari Gholinejad, Azita Behzad, Zahra Sheikhi, Fatemeh Fallah, Leila Azimi, Abdollah Karimi, **Shahnaz Armin**, Roxana Mansour Ghanaiee, Sedigheh Rafiei Tabatabaei, Seyed Alireza Fahimzad " Intestinal colonization of vancomycin-resistant Enterococcus in children admitted to Mofid children's hospital intensive care unit at admission and at discharge " *Molecular Biology Reports*. 2023; (1-11).
5. **Shahnaz Armin**, Abdollah Karimi, Masoud Alebouyeh, Sedigheh Rafiei Tabatabaei, Maryam Rajabnejad, Roxana Mansour Ghanaiee, Seyed Alireza Fahimzad, Nafiseh Abdollahi, Leila Azimi " Evaluate the Modified Carbapenem Inactivation Method for Phenotypic Detection of Carbapenemase Production Among Gram-Negative Bacteria " *Archives of Pediatric Infectious Diseases*. 2022; (InPress).
6. Mehrdad Amirmoeini, Zahra Chavoshzadeh, Arezou Rahimi, Mohammad Nabavi, Seyed Alireza Mahdavian, **Shahnaz Armin**, Sepideh Darougar, Mehrnaz Mesdaghi " IL-17 Producing T cells as Predictors of Primary Immunodeficiencies in Patients with Candida Infections " *Archives of Pediatric Infectious Diseases*. 2022; (InPress).
7. 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).

8. 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).
9. **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.
10. Leila Azimi, **Shahnaz Armin**, Hossein Samadi Kafil, Nafiseh Abdollahi, Kiarash Ghazvini, Sepide Hasanazadeh, Shahram Shahraki Zahedani, Sedigheh Rafiei Tabatabaei, Fatemeh Fallah " Evaluation of phenotypic and genotypic patterns of aminoglycoside resistance in the Gram-negative bacteria isolates collected from pediatric and general hospitals " *Molecular and cellular pediatrics*. 2022; 9(1).
11. Sedigheh Rafiei Tabatabaei, Omid Moradi, Abdollah Karimi, **Shahnaz Armin**, Alireza Fahimzad, Roxana Mansour Ghanaie, Mahnaz Jamee, Azam Mousavizadeh, Hossein Amini, Bahador Mirrahimi " A Single-Centered Cohort Study on Favipiravir Safety and Efficacy in Pediatric Patients with COVID-19 " *Iranian Journal of Pharmaceutical Research*. 2022; (In Press).
12. **Shahnaz Armin**, Abdollah Karimi, Zahra Pourmoghaddas, Leila Azimi, Fatemeh Fallah, Sahel Valadan Tahbaz " Evaluation of methicillin-resistant Staphylococcus virulence genes and antibiotics susceptibility in Iranian population " *Journal of Research in Medical Sciences*. 2022; 27.
13. **Shahnaz Armin**, Seyed Alireza Fahimzad, Sedigheh Rafiei Tabatabaei, Roxana Mansour Ghanaiee, Noushin Marhamati, Seyyedeh Narjes Ahmadizadeh, Azita Behzad, Seyedeh 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.
14. RM Ghanaiee, Abdollah Karimi, Seyedeh 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.
15. Sedigheh Rafiei Tabatabaei, Abdollah Karimi, **Shahnaz Armin**, Seyed Alireza Fahimzad, Roxana Mansour Ghanaie, Saeed Sadr, Mitra Khalili, Amirhossein Hosseini, Hojjat Derakhshanfar, Mina Alibeik, Mehrdad Yasaei " Life-threatening

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17. Sedigheh Rafiei Tabatabaei, Abdollah Karimi, Mohammad Nassiri, Leily Mohajerzadeh, **Shahnaz Armin**, Roxana Mansour Ghanaie, 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).
18. 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).
19. Ahmad Moein Karimi, Maryam Rajabnejad, Zahra Pourmoghaddas, Roxana Mansour Ghanaie, 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).
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23. Roxana Mansour Ghanaie, Abdollah Karimi, Zahra Pourmoghaddas, **Shahnaz Armin**, Seyed Alireza Fahimzad, Fatemeh Fallah, Katayoun Tayeri, Mohammad Reza Sabri, Hamid Rahimi, Ali Akbar Zeinaloo, Seyedeh Mahsan Hoseinialfatemi, Vahid Ziaee,

- Reza Shiari, Bahador Mirrahimi, Ali Saffaei, Sedigheh Rafiei Tabatabaei " An Algorithmic Approach to Management of COVID-19 Associated Multisystem Inflammatory Syndrome in Children" *Archives of Pediatric Infectious Diseases*. 2021; 9(1).
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32. Leila Azimi, Abdollah Karimi, Masoud Alebouyeh, Armin Shirvani, Saeid Maham, Sedigheh Rafiei Tabatabaei, **Shahnaz Armin**, Fatemeh Fallah, Maryam Rajabnejad, Seyed Alireza Fahimzad, Fariba Shirvani, Roxana Mansour Ghanaie " Current Concepts on Immunopathology of COVID-19 and Emerging Therapies" *Archives of Pediatric Infectious Diseases*. 2020; 8(3).
33. Armin Shirvani, Leila Azimi, Roxana Mansour Ghanaie, Masoud Alebouyeh, Fatemeh Fallah, Sedigheh Rafiei Tabatabaei, Maryam Rajabnejad, **Shahnaz Armin**, Seyed Alireza Fahimzad, Fariba Shirvani, Saeid Maham, Abdollah Karimi " Utility of Available Methods for Diagnosing SARS-CoV-2 in Clinical Samples" *Archives of Pediatric Infectious Diseases*. 2020; 8(3).
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35. Farzaneh Ahmadi Khatiri, Seyed Alireza Fahimzad, Fatemeh Fallah, **Shahnaz Armin**, Leila Azimi " Frequency of MDR Acinetobacter baumannii and the Most Common OXA-type Genes in Multiple Drug-Resistant Strains Isolated from Patients in Tabriz Imam Reza Hospital" *Journal of Mazandaran University of Medical Sciences*. 2020; 30(187).
36. Abdollah Karimi, Sedigheh Rafiei Tabatabaei, Mitra Khalili, Saeed Sadr, Mina Alibeik, Soheil Omidmalayeri, Seyed Alireza Fahimzad, Roxana Mansour Ghanaie, **Shahnaz Armin** " COVID-19 and Chickenpox as a Viral Co-Infection in a 12-Year-Old Patient, a Case Report" *Archives of Pediatric Infectious Diseases*. 2020; 8(3).
37. Abdollah Karimi, Sedigheh Rafiei Tabatabaei, Maryam Rajabnejad, Zahra Pourmoghaddas, Hamid Rahimi, **Shahnaz Armin**, Roxana Mansour Ghanaie, Mohammad Rahim Kadivar, Seyed Alireza Fahimzad, Iraj Sedighi, Bahador Mirrahimi, Anahita Sanaei Dashti, Nemat Bilan, Shahram Abdoli Oskouyi, Hamed Berekati, Mitra Khalili " An algorithmic approach to diagnosis and treatment of coronavirus disease 2019 (COVID-19) in children: Iranian expert's consensus statement" *Archives of Pediatric Infectious Diseases*. 2020; 8(2).
38. Seyedeh Mahsan Hoseini-Alfatemi, Fatemeh Fallah, **Shahnaz Armin**, Maryam Hafizi, Abdollah Karimi, Somayeh Kalanaky " Evaluation of Blood and Liver Cytotoxicity and Apoptosis-necrosis Induced by Nano-chelating Based Silver Nanoparticles in Mouse Model" *Iranian Journal of Pharmaceutical Research*. 2020; 19(2).
39. Mehrdad Mohammadi, **Shahnaz Armin**, Zahra Yazdanpour " Human bocavirus infections and co-infections with respiratory syncytial virus and Rotavirus in children with acute respiratory or gastrointestinal disease" *Brazilian Journal of Microbiology*. 2020; volume 51, 45–51
40. Reza Shiari, Fariba Shirvani, Abdollah Karimi, **Shahnaz Armin**, Alireza Fahimzad, Roxana Mansour-Ghanaie, Sedigheh Rafiei Tabatabaei, Fatemeh Fallah " Parvovirus

B19 in Children with Juvenile Idiopathic Arthritis" *Journal of Iranian Medical Council*. 2020; 3(2).

41. Mohammad Rahbar, Abdollah Karimi, Leila Azimi, Ata Saadat, Mohammad Rezaei, Ghamartaj Khanbabaei, Farideh Shiva, **Shahnaz Armin**, Sedigheh Rafiei Tabatabaei, Roxana Mansour Ghanaee, Fatemeh Fallah. " Prevalence of resistance to colistin, tigecycline and minocycline in *Acinetobacter baumannii* isolated from clinical samples in 2014" *Archives of Medical Laboratory Sciences*. 2019; 4 (3).
42. Leila Azimi, Roxana Mansour Ghanaee, Mehdi Shirdust, Ahmad MoeinKarimi, **Shahnaz Armin**, SedighehRafieiTabatabaei, Farideh Shiva, FatemehFallah, Mohammad Rezaei, Sayyed Alireza Fahimzad, GhamartajKhanbabaei, and Mohammad Rahbar " Molecular identification of gram-negative bacteria in respiratory samples of cystic fibrosis patients from a children referral hospital in Tehran" *Archives of Pediatric Infectious Diseases journal*. 2019;7(3).
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45. Mehrdad Mohammadi, **Shahnaz Armin**, and Zahra Yazdanpour. "Human bocavirus infections and co-infections with respiratory syncytial virus and Rotavirus in children with acute respiratory or gastrointestinal disease" *Brazilian Journal of Microbiology*. 2019 (1-7).
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"A Ten-Year Surveillance of 80 Children with Primary Immunodeficiencies" *Journal of Comprehensive Pediatrics*. (2018): e62446.

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BOOKS:

- 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