

Roxana Mansour Ghanaiee (Roxana Mansour Ghanaie) M.D. Pediatricians.
Infectious Diseases in pediatrics

- Associate Professor of Shahid Beheshti University of Medical Sciences
- Focal point for emerging and re-emerging infections(including influenza, pertussis, Tuberculosis..) disease in Mofid children Hospital
- Focal Point of Pediatric HIV in Iran since 2011
- Manager of Knowledge Management Unit of Pediatrics in Iran since 2009
- Head of Education distribution unit of Pediatric group of Shahid Beheshti university of Medical sciences
- Head of Medical Education Distribution Office in Medicine Faculty of Shahid Beheshti University of Medical Sciences 2009-2012
- Associated editor of “Archives of pediatric infectious disease” Journal
- Deputy head of emergency ward in Mofid Children Hospital 2012-2013
- Consultant in pediatric infectious disease in Shohada and Loghman Hospitals 2010-2015
- Executive deputy of the secretary of Council for Graduate Medical Education of Iranian in 2014
- Member of European society of Pediatric Infectious disease
- Member of TBnet

Personal and Educational Details:

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Work address: Mofid children Hospital, Shariati Ave, Postal Code 1546815514

Date of Birth: 13th August 1966

Nationality: Iranian

Marital Status: Married

Iranian Medical Council Registration Number: 35682

General Education: Gifted and Talented Students School,
Tehran, Iran

Medical School: Tehran University Medical School,
1992. (First rank in university entrance exam for entrance to
Tehran Medical School)

Residency Training: Shahid Beheshti University Medical
School, Tehran, Iran. 1993-6 .Board Certificate in Pediatrics (1996)

Subspecialist Training: Shahid Beheshti University Medical School, Tehran, Iran. 2007-9 .Board
Certificate in Pediatrics Subspecialis(t3rd rank in Final exam),pediatrics Infectious Diseases,2009.

Participated in: “A new training model for Paediatric HIV initiative in Europe 2012” Course.
“ changing the conversion on Flu:Influenza workshop” 2018

And many other workshops

Language: passed academic IELTS 2008

Computer skills: passing DOS and applied softwares and windows courses in Sharif University
of Technology 2001

Advanced widows 98 in Tehran complex of Technology 2002

Articles presented(oral or poster) in International conferences:

Sensitivity and specificity of world heritage! organisation proposed criteria for pertussis. (Poster). American!

Thoracic Society International Conference, New Orleans: 14-19 May! 2010.

Urinary soluble triggering receptor expressed on myeloid cells-1 levels for acute bacterial Infection. 5th Ditan International Conference on Infectious Diseases (DICID), Beijing-China: 2011

Determination cut-off value of urinary soluble triggering receptor expressed on myeloid cells-1 levels for acute! bacterial Urinary Tract Infection (poster). The 7th World Congress of the World Society for Pediatric Infectious Diseases Melbourne- Australia:16-19 November 2011

Re-emerging of pertussis in Iranian school-ageChildren (poster). European society of pediatric infectious diseaCongress, Thessaloniki- Greece: May 2012.

Group A streptococcus emm type in iranian children with pharyngitis. 32nd Annual Meeting of the European Society for Paediatric Infectious Diseases, Dublin, Ireland, May 6-10, 2014.

Prevalence of blaPER-1 and blaVEB-1 genes among ESBL-producing Acinetobacter baumannii isolated from two hospitals of Tehran, Iran. 2nd World Congress and Exhibition on Antibiotics and Antibiotic Resistance, Manchester, UK, October 13-15, 2016

Complications Following Bacillus Calmette-Guérin Vaccination in Children Under the Age of 18 Months: An Iranian Multi-center Study. Acceptance of E-Poster Viewing at the 34th Annual Meeting of the European Society for Paediatric Infectious Diseases, Brighton, UK , May 10-14, 2016.

Detection of most common gram-negative bacteria producing pulmonary infections in cystic fibrosis35th Annual Meeting Of The European Society For Paediatric Infectious Diseases, Madrid, Spain , May 23-27, 2017.

Hospital-based vaccine safety active surveillance system: proof of concept study on risk of aseptic meningitis and immune thrombocytopenic purpura following measles-mumps containing vaccination. Annual Meeting Of The European Society For Paediatric Infectious Diseases, Madrid, Spain , May 23-27, 2017. (As A Cooperator)

And annual International Clinical Microbiology Conferences

Shiraz 2019 Oct infections in immunosuppression

Articles Published:

Sensitivity and Specificity of World Heritage Organization Proposed Criteria for Pertussis.

R Mansour Ghanaie, A Karim, H Sadeghi, et al. International Journal of Infectious Diseases 2010;14(12):e1072-e1075

Fungal dacryocystitis

RM Ghanaie, A Karimi, A Fahimzad, S Armin, F Shiva
Journal of Pediatric Infectious Diseases, 2010, 5 (3), 293-296

Aetiology of upper respiratory tract infections in children in Arak city: a community based study

M Kahbazi, A Fahmizad, S Armin, R Ghanaee, F Fallah, F Shiva, et al.
Acta microbiologica et immunologica Hungarica, 2011, 58 (4), 289-296

PP-053 Determination of the cut-off value of urinary sTREM-1 (Soluble triggering receptor expressed on myeloid cells-1) levels for diagnosis of acute bacterial urinary tract infections

R Ghanaie, A Karimi, M Sharifian, S Armin, A Fahimzad, M Mohkam
International Journal of Infectious Diseases, 2011, 15, S60

lymphohistiocytosis in Iran. A Case series. Archives of pediatric infectious disease,

R M Ghanaie, R Shiari, A Karim, et al. Hemophagocytosis 2012; Volume 1-Issue 1:31-35

Infectious diseases in Iran: a bird's eye view.

M Askarian, R M Ghanaie, A Karim, F Habibzadeh.
Clinical Microbiology and Infection 2012; 18(11): 1081–1088.

Management of Chronic Cough in Children

RM Ghanaie, SA Fahimzad, A Karimi
Archives of Pediatric Infectious Diseases, 2013, 1 (3), 136-43

Frequency of pertussis in iranian school-age children

RM Ghanaie, A Karimi, H Sadeghi, et al.
Journal of Pediatric Infectious Diseases, 2013, 8 (1), 1-5

Management of a Child With Decreased Level of Consciousness

A Karimi, SA Fahimzad, RM Ghanaie
Arch Pediatr, 2013, 1 (2)

Rotavirus infection in children with acute gastroenteritis in Iran: A systematic review and meta-analysis

M Moradi-Lakeh, S Shakerian, M Yaghoubi, A Esteghamati, F Shokraneh, HR Baradaran, RM Ghanaie
International journal of preventive medicine 5 (10), 1214

Co-infection of Leishmania and Tuberculosis

A Karimi, A Amanati, RM Ghanaie, L Mohajerzadeh
Archives of Pediatric Infectious Diseases, 2014, 2 (1), 183-187

Hand Hygiene Compliance by the Health Care Staff in a Pediatric Hospital

F Shiva ; M Kamali ; F Shirvani ; S Armin ; R Ghanaie, et al.
archives of pediatric infectious disease, 2014, July; 2(4): e18909 , DOI: 10.5812/pedinfect.18909

Tuberculosis Diagnosis

A Karimi, RM Ghanaie, F Shiva
Archives of Pediatric Infectious Diseases, 2015, 3 (1 TB)

Rationality of Prescriptions for Patients Admitted With Common Illnesses in a Children's Hospital

F Shiva, R Ghanaie, F Shirvani, S Armin, SR Tabatabaei, SA Fahimzad, et al.
Archives of Pediatric Infectious Diseases, 2016, 4 (3)

Cost-effectiveness analysis of the introduction of rotavirus vaccine in Iran

M Javanbakht, M Moradi-Lakeh, M Yaghoubi, A Esteghamati, RM Ghanaie, et al.
Vaccine, 2015, 33, A192-A200

Acellular pertussis vaccine efficacy: An updated systematic

RM Ghanaie, M [Moradi-Lakeh](#), S [Shakerian](#), et al.
medical journal of islamic republic of iran, 2016, 30, 451

Should BCG Vaccination be Continued in Resource Limited Countries

A Karimi, RM Ghanaie
Int J Vaccines Vaccin, 2016, 2 (1), 00018

Seroepidemiological Evaluation of High-Risk Human Papillomavirus Types Among Married and Unmarried Iranian Women in Tehran, Iran

A Abedini, A Karimi, S Shamsy, RM Ghanaie, Z Gholinejad
Archives of Pediatric Infectious Diseases, 2016, 4 (3)

Surveillance of Primary Immunodeficiency Disorders in Mofid Children's Hospital: A 10-year Retrospective Experience

D Babaie, S Atashpar, Z Chavoshzadeh, S Armin, M Mesdaghi, A Fahimzad, SR Tabatabaei, RM Ghanaie
Archives of Pediatric Infectious Diseases, 2017, 5 (4)

Operational lessons learned in conducting a multi-country collaboration for vaccine safety signal verification and hypothesis testing: The global vaccine safety multi c...

C Guillard-Maure, V Elango, S Black, S Perez-Vilar, JL Castro, et al.
Vaccine, 2018, 36 (3), 355-362

Frequency of Candida Species Isolated from Patients in Children's Medical Center, Tehran, Iran

A Charsizadeh, B Nikmanesh, B Ahmadi, N Jalalizand, Z Jafari, et al.
Archives of Pediatric Infectious Diseases, 2018, 6 (1)

Pattern of Antibiotic Usage in Children Hospitalized for Common Infectious Diseases

F Shiva, R Ghanaie, F Shirvani, S Armin, SR Tabatabaei, SA Fahimzad, et al.
Archives of Pediatric Infectious Diseases, 2018, 6 (1)

Enhancing global vaccine pharmacovigilance: Proof-of-concept study on aseptic meningitis and immune thrombocytopenic purpura following measles-mumps conta...

S Perez-Vilar, D Weibel, M Sturkenboom, S Black, C Maure, JL Castro, et al.
Vaccine, 2018, 36 (3), 347-354

Future strategic plan for national immunisation program in Iran: cost effectiveness of acellular pertussis versus whole-cell

RM Ghanaie, M Moradi-Lakeh, A Karimi, et al. Int. J. Foresight and Innovation Policy, Vol. 13, No. 1/2, 2018

Registry of clinical data and laboratory findings in 80 patients with primary immunodeficiencies in mofid children hospital

AZ Mirzaee, S Darougar, Z Chavoshzadeh, M Mesdaghi, M Mansouri, D Babaie, A Karimi, S Armin, A Fahimzad, SF Tabatabaei, RM Ghanaie , et al. *Journal of Comprehensive Pediatrics*, 2018, 9(3), e62446

Complications following BacilleCalmette-Guérin vaccination in children under the age of 18months: A multi-center study

RM Ghanaie, MD; A Karimi, MD; SM Zahraei, Sussan Mahmoudi , Patrick Louis.F Zuber. *Int J Pediatr*, Vol.7, N.1, 2019

Investigation of chromosomal abnormalities and microdeletion/microduplication (s) in fifty Iranian patients with multiple congenital anomalies

A Mohammadzadeh,. S Akbaroghli, E Aghaei-Moghadam,N Mahdih, RS Badv,P Jamali, R Kariminejad, Z Chavoshzadeh, SG Firouzabadi, RM Ghanaie, R.M., et al. *Cell Journal*, 2019, 21(3), pp. 337-349

Molecular identification of gram-negative bacteria in respiratory samples of cystic fibrosis patients from a children referral hospital in Tehran

Azimi, L., Ghanaie, R.M., Shirdust, M.,et al. *Archives of Pediatric Infectious Diseases*, 2019, 7(3), e64834

Disseminated BCG Infection and Primary Immunodeficiencies: A Report from Two Tertiary Centers

Baradaran, S., Chavoshzadeh, Z., Ghanaie, R.,et al. *Archives of Clinical Infectious Diseases*, 2019, 14(6), e82536

Chorioamnionitis and neonates; Which strategy?

S.-A Afjeh,., M.K Sabzehei,., R.M. Ghanaie, , et al. *Archives of Iranian Medicine*, 2020, 23(7), pp. 480-487

Utility of Available Methods for Diagnosing SARS-CoV-2 in Clinical Samples

A Shirvani, L Azimi, RM Ghanaie, M Alebouyeh, et al. *Archives of Pediatric Infectious Diseases*, 2020, 8(3), pp. 1-13, e103677

Current Concepts on Immunopathology of COVID-19 and Emerging Therapies

L Azimi,A Karimi, M Alebouyeh 1 , A Shirvani, S Maham, SR Tabatabaei, S Armin, F Fallah, M Rajabnejad, SA Fahimzad, F Shirvani, RM Ghanaie *Archives of Pediatric Infectious Diseases*, 2020, 8(3), pp. 1-8, e104266

[Prevalence and Diagnosis of Latent Tuberculosis Infection Among Pediatric Household Contacts of Iranian Tuberculosis Cases](#)

R Ghanaie, A Karimi, L Azimi, S James, M Nasehi, et al.- June 2020 researchsquare.com(ahead of print)DOI: 10.21203/rs.3.rs-38034/v1

[Serosurvey and molecular detection of the main zoonotic parasites carried by commensal Rattus norvegicus populations in Tehran, Iran](#)

TAzimi, MR Pourmand, F Fallah, A Karimi, RM Ghanaie. Tropical Medicine and Health volume 48, Article number: 60 (2020)

[Evaluation of clarithromycin and metronidazole resistance of Helicobacter pylori infection in symptomatic Iranian children](#)

MB Haghighi, N Dara, R Mansour Ghanaie, et al - International Journal of Pediatrics 2019 - Volume 7, Issue 2 - Serial Number 62

[An algorithmic approach to diagnosis and treatment of coronavirus disease 2019 \(COVID-19\) in children: Iranian expert's consensus statement](#)

A Karimi , SR Tabatabaei , M Rajabnejad, Z Pourmoghaddas ,H Rahimi , S Armin , RM Ghanaie, et al.

Archives of Pediatric Infectious Diseases, 2020, 8(2), e102400

[Three Probable Pediatrics COVID-19 Cases with Kawasaki-Like Disease: A Case Series with Follow-Up](#)

SR Tabatabaei, A Karimi ,H Rahimi, Sh Armin, SA Fahimzad, RM Ghanaie, et al.

Arch Pediatr Infect Dis. InPress(InPress):e104496.

Published online 2020 December 6.

[Development of a Novel Scoring System for Comprehensive COVID-19 Patient Evaluation: An Evidence-Based Systematic Review](#)

A Karimi, RM Ghanaie, MR Masjedi, SA Fahimzad, SR Tabatabaei, SH Armin, et al.

Arch Pediatr Infect Dis. InPress(InPress):e110201.

Published online 2020 December 27.

[An Algorithmic Approach to Management of COVID-19 Associated Multisystem Inflammatory Syndrome in Children](#)

RM Ghanaie, A. Karimi, Z Pourmoghaddas, Sh Armin, SA Fahimzad, F Fallah, et al.

Arch Pediatr Infect Dis. InPress(InPress):e110479.

Published online 2021 January 3

[Prevalence of SARS-CoV-2 Specific Antibodies in the Staff of a Children's Hospital, in Tehran, Iran](#)

Sh Armin , F Karbasian , S M Hoseinifatemmi , RM Ghanaie , S Rafiei Tabatabaei , SA Fahimzad, et al.

Jundishapur J Microbiol. 2020 September; 13(9):e108592. Published online 2020 December 6

Utility of Available Methods for Diagnosing SARS-CoV-2 in Clinical Samples

A Shirvani , L Azimi , RM Ghanaie, M Alebouyeh, F Fallah, S Rafiei Tabatabaei , Arch Pediatr Infect Dis. 2020 July; 8(3):e103677.

Published online 2020 July 5.

COVID-19 and Chickenpox as a Viral Co-Infection in a 12-Year-Old Patient, a Case Report

A Karimi, S Rafiei Tabatabaei, M Khalili, SSadr, M Alibeik, S Omidmalayeri, SA Fahimzad, RM Ghanaie

Arch Pediatr Infect Dis. 2020 July; 8(3):e105591. Published online 2020 July 1.

Current Concepts on Immunopathology of COVID-19 and Emerging Therapies

L Azimi, A Karimi, M Alebouyeh, A Shirvani, S M, S Rafiei Tabatabaei, SH Armin, F Fallah, M Rajabnejad, SA Fahimzad, RM Ghanaie.

Arch Pediatr Infect Dis. 2020 July; 8(3):e104266.

Published online 2020 July 1.

Hospital-based prospective study of pertussis in infants and close contacts in Tehran, Iran

G. Noel, N. Lofti, S. Shahvalad, D. Tavel, SM. Zahraei, R.M. Ghanaie , et al.

Under published

Renal Involvement in COVID-19 Among Iranian Children

M. Mohkam, M. Mirzaee , F. Abdollah Gorgi, S. Rafiei Tabatabaei, A. Karimi, Sh Armin, R. M. Ghanaie, et al.

Archives of Pediatric Infectious Diseases: 9 (1); e106597

Pediatric with Gaucher Disease and Covid-19: Case Report of Uncommon Manifestation of Covid-19 in Chest Ct

M. Khalili, M. Gholamzadeh Baeis, H. Saneifard, R. M. Ghanaie, B. SH Shamsian. Vis J Emerg Med. 2021 Jan; 22: 100966.

Published online 2021 Jan 18. doi: 10.1016/j.visj.2021.100966

Ongoing projects:

A cohort study tracing latent and active infection with Mycobacterium. tuberculosis in Iranian exposed people predicting by Quantiferon, PPD and Interferon Gamma Inducible Protein 10 (in all household exposed)

Pertussis Immunization Programs in Low and Middle Income Countries
(WHO as manager of project)

Covid seroepidemiology in Tehran

Frequency of Rota virus in children younger than 5 years old

BCG vaccine side effects registration

ESBL in stool of children admitted in PICU

RF frequency in Tehran tertiary hospitals

Books Published:(in Persian)

- A. Esteghamati, F. Doosti, “Guideline for Surveillance of Pertussis” Iranian Centers for Diseases Control and Prevention, Iranian Health Ministry, 2009 (book, published)
- B. Zahraie, F. Doosti, “Guideline for Surveillance of Diphtheria” Iranian Centers for Diseases Control and Prevention, Iranian Health Ministry, 2011 (book, published)
- C. Karimi A. Fahimzad SA. Et al, “ Alghorythme of common pediatric disease“, 2014