

Curriculum Vitae

Name: Kiana Shirani



Address: Infectious diseases department, Alzahra hospital, Soffe Ave, Isfahan

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ORCID ID: 0000-0002-2960-9624

PERSONAL INFORMATION

- Birth Date: 19 Sep 1982
- Marital status: Married

EDUCATION

MD. Isfahan University of Medical Sciences 2000-2008

Specialty, Infectious Diseases and Tropical Medicine, Isfahan University of Medical Sciences
2008-2012

Ranked **first** in infectious Diseases and tropical medicine board exam of Iran at September 2012

GRANTS AND FELLOWSHIPS

Date, Name, Significant info., Amount

RESEARCH EXPERIENCE

Member of the Infectious Diseases Department Committee, Isfahan University of Medical Sciences, since 2012

Member of the Nosocomial Infection Research Center, Isfahan University of Medical Sciences, since 2014

~~Member of Infectious Diseases and tropical medicine research Center, Isfahan University of Medical Sciences, since 2012~~

Section editor of Journal of Research in Medical Sciences (JRMS) since 2015

TEACHING EXPERIENCE

In charge of Infectious Diseases Interns at Isfahan University of Medical Sciences since 1401

In charge of Infectious Diseases Externs at Isfahan University of Medical Sciences 2013- 1399

In charge of Infectious Diseases Residents at Isfahan University of Medical Sciences 1399-1401

Test Holder / Member of Examination Committee of Infectious Diseases Department, Isfahan University of Medical Sciences

RELEVANT WORK EXPERIENCE

2012- Present

Employer: Alzahra Hospital

Position: deputy of Infectious Diseases Department

2017- present

Employer: Alzahra hospital

Position: Secretary of Infection prevention and control (IPC) of Alzahra hospital

2016- present

Employer: Isfahan university of medical sciences, vice president of treatment

Position: member of maternal morbidity and mortality committee

2017- present

Employer: Alzahra hospital

Position: member of morbidity and mortality committee

2017- present

Employer: Alzahra hospital

Position: Secretary of Antibiotic stewardship committee

UNIVERSITY SERVICE

Dates, University/organization, Description

In charge of Infectious Diseases Interns at Isfahan University of Medical Sciences since 1401

In charge of Infectious Diseases Externs at Isfahan University of Medical Sciences 2013- 1399

In charge of Infectious Diseases Residents at Isfahan University of Medical Sciences 1399-1401

Test Holder / Member of Examination Committee of Infectious Diseases Department, Isfahan University of Medical Sciences for different levels such as: exams of externs, exams of Interns, pre internship exam, residency exam, midterms and final exams of residents, PMP, Kf, KFP, mini CEX, OSCE, Clinical competence exam of Interns

Member of ethic committee in research at medical school, Isfahan university of medical sciences, since 2020

PUBLICATIONS

1. Ataei B, Shirani K, Alavian S M, Ataie M. Evaluation of Knowledge and Practice of Hairdressers in Women's Beauty Salons in Isfahan about Hepatitis B, Hepatitis C, and AIDS in 2010 and 2011. *Hepat Mon.* 2013; 13(3):e6215. DOI: 10.5812/hepatmon.6215
2. Emami Naeini A, Ataei B, Shirani K, Akbari M. Assessment of a urinary antigen test in inpatients with pneumococcal pneumonia. *J Res Med Sci* 2012, 17 (spec 2): 5183-5186.
3. Ataei B, Shirani K. Evaluation of knowledge and practice of hairdressers in men's beauty salons in Isfahan about hepatitis B, Hepatitis C, and AIDS in 2010 and 2011. *Adv Biomed Res* 2012, 1:75
4. Emami naini S, Emami Naini A, Shirani K, Mirzadeh F, Bagheri A. Assessment of Pneumonia Severity Index in patients with community-Acquired Pneumonia Admitted to Alzahra Hospital, Isfahan , Iran. *Journal of Isfahan Medical School*, Vol 29, No 140, 4th week, May 2012
5. Emami Naeini A, Hemmasian Etefagh H, Shirani K, Mirzadeh F, Bagheri A. Causes of Infection and CD4+ Counts in patients with HIV/AIDS. *Journal of Isfahan medical School*. Vol 30, No. 195, 1th week, September 2012.
6. Avijgan M, Shirani K, Meidani M. Diagnosis of pulmonary thromboemboli by tongue examination: an example for integration of traditional Chinese Medicine and modern medicine. *J Exp Integr Med.* 2012; 2(2):185-188.
7. Mohsen Meidani, Kiana Shirani, Majid Rezvani, Parvin Mahzouni. A Rare Case of Central Nervous System Tuberculosis Coexisting with Metastatic Adenocarcinoma of the Brain. *TAF Prev Med Bull* 2013; 12 (5): 611-614.

8. Kiana Shirani, Zary Nokhodian, Nazila Kassaian, Peyman Adibi, Alireza Emami Naeini, Behrooz Ataei. The prevalence of isolated hepatitis B core antibody and its related risk factors among male injected drug users in Isfahan prisons. *Adv Biomed Res.* 2015; 4: 17.
9. Hassan Razmjoo, Aminhossein Rahgozar, Kiana Shirani, and Seyed-Hossein Abtahi. Pentacam topographic changes after collagen cross-linking in patients with keratoconus. *Adv Biomed Res.* 2015; 4: 62.
10. Alireza Emami Naeini, Saeid Abbasi, Somayeh Haghighipour, Kiana Shirani. Comparing the APACHE II score and IBM-10 score for predicting mortality in patients with ventilator-associated pneumonia. *Adv Biomed Res* 2015, 4:47.
11. Kiana Shirani, Zahra Talei, Majid Yaran, Behrooz Ataei, Ali Mehrabi-Koushki, Farzin Khorvash. Diagnosed tuberculous meningitis using cerebrospinal fluid polymerase chain reaction in patients hospitalized with the diagnosis of meningitis in referral hospitals in Isfahan. *J Res Med Sci* 2015, vol 20, No 3.
12. Shirani K, Ataei B, Roshandel F. Antibiotic resistance pattern and evaluation of metallo-beta lactamase genes (VIM and IMP) in *Pseudomonas aeruginosa* strains producing MBL enzyme, isolated from patients with secondary immunodeficiency. *Adv Biomed Res* 2016;5:124
13. Davoodabadi F, Mobasherizadeh S, Mostafavizadeh K, Shojaei H, Havaei SA, Koushki AM, Moghadasizadeh Z, Meidani M, Shirani K. Nasal colonization in children with community acquired methicillin-resistant *Staphylococcus aureus*. *Adv Biomed Res* 2016;5:86
14. Shirani K, Poulsen AN, Hakamifard A. Nocardial brain abscess in a patient with pulmonary alveolar proteinosis. *Adv Biomed Res* 2015;4:185
15. Naderi P, Shirani K, Soltani R, Khorvash F, Naji Esfahani SS. Meropenem utilization evaluation in a referral teaching hospital in Iran. *J Res Pharm Pract* 2018;7:83-7
16. Shirani K, Mostafavizadeh K, Ataei B, Akhane K. Colonization with hospital flora and its associated risk factors in neonates hospitalized in neonatal ward of a teaching center in Isfahan, Iran. *J Res Med Sci* 2018;23:5
17. Shirani K, Hakamifard A, Poulsen AN. Comments on: Phenotypic and molecular identification of *Nocardia* in brain abscess. *Adv Biomed Res* 2017;6: 114.
18. Shirani Kiana, Akhoundi Razieh, Safaei Ali. Demographic and some underlying factors in patients with sepsis in alzahra hospital, isfahan, iran. *I.U.M.S* 2017 , Volume 35 , Number 418; Page(s) 42 To 49
19. Kiana Shirani, Atousa Hakamifard, Farhad Fazel, Mohammad Shams Ardekani. Cytomegalovirus Retinitis in an Immunocompetent Pregnant Woman. *Nigerian Journal of Ophthalmology* 2016; 24:1
20. Shirani K, Rezaee S, Behzadi E, Amini Z, Golshiri P. Evaluation of the Changes in Tuberculin Skin Test (TST) among the Interns in Isfahan University of Medical Sciences (IUMS), Iran, after One Year of Starting Internship during the Years 2016-2017. *J Isfahan Med Sch* 2018; 36(481): 569-74.
21. مجید جاوری، کیانا شیرانی، زهرا کریمی، بررسی ارتباط الگوپذیری تغییرات زمانی دما و بیماری سالک در استان اصفهان. پژوهشهای جغرافیای طبیعی مقاله ۱۱، دوره ۴۸، شماره ۳، پاییز ۱۳۹۵، صفحه ۴۸۵-۵۱۵

22. Shirani K, Khorvash F, Naeini AE, Valiyan Boroujeni M, Yazdani M. Prevalence of herpes simplex virus-1 in hospitalized adult patients with clinical diagnosis of meningoencephalitis using real-time polymerase chain reaction: A single-center, cross-sectional study. *J Res Med Sci* 2019; 24:7.
23. Shirani K, Hajzargarbashi ST. Comparison of Serum CRP, PCT and STREM-1 in Ventilator-Associated Pneumonia (VAP) Positive and VAP Negative in ICU Patients. *Journal of Biochemical Technology*. 2019; 10(2):133-138.
24. Shirani K, Mohajeri F. *Nocardia farcinica* isolated meningitis in a patient with Behçet's disease: case report and literature review. *Revista Española de Quimioterapia*. 2019; 32(4): 381.
25. Predictive performance of qSOFA in confirmed COVID-19 patients presenting to the emergency department
F Heydari, S Abbasi, K Shirani, M Zamani, B Masoumi, S Majidinejad, ...
Tzu Chi Medical Journal 2023
26. Evaluation of clinical and para-clinical parameters related to disease severity and mortality in patients with influenza in Isfahan, Iran; a cross sectional study
K Shirani, E Honarjou, B Ataei, S Rostami, Z Nokhodian, M Shams
2023
27. Drug Utilization Evaluation of Antibiotics in Burn Patients at a Referral Teaching Hospital
FS Rasool Soltani, Shabnam Sajjadi, Kiana Shirani, Mohsen Minaiyan
Journal of Pharmaceutical Care 10 (2), 63-68 2022
28. The Prevalence of Surgical Site Infection in Different Gynecological Surgery in Al-Zahra Hospital in Isfahan
K Shirani, M Khodsiani
Journal of Isfahan Medical School 40 (671), 325-330 2022
29. TB and HIV surveillance amid COVID- 19 pandemic
Kiana Shirani, Alireza Sherafat, Mohammad Ali Ashraf, Kianoush Vosough, Tess Cruickshank
Indian Journal of Sexually Transmitted Diseases and AIDS 43 (1), 85-86 1* 2022
30. Remdesivir and three other drugs for hospitalised patients with COVID-19: final results of the WHO Solidarity randomised trial and updated meta-analyses
WHO Solidarity Trial Consortium
The Lancet 399 (10339), 1941-1953 110 2022
31. Association of systemic complications with mortality in coronavirus disease of 2019: A cohort study on intensive care unit patients
KS Mohammad Ali Ashraf, Alireza Sherafat, Zohre Naderi, Ramin Sami, Forogh ..., K Shirani
Journal of Research in Medical Sciences 27 (1), 1-12 2022

32. Physiologic Scoring Systems in Predicting the COVID-19 Patients' one-month Mortality; a Prognostic Accuracy Study
F Heydari, M Zamani, B Masoumi, S Majidinejad, M Nasr-Esfahani, ..., K Shirani
Archives of Academic Emergency Medicine 10 (1) 1 2022
33. The effect of Vitamin B6 in the prevention of hematological adverse effects of linezolid in patients with chronic osteomyelitis: A randomized double-blind placebo-controlled ...
K Shirani, F Khorvash, R Soltani, B Ataie, MJ Tarrahi, F Fallah
Advanced Biomedical Research 11 (1), 67 2022
34. COVID-19-associated mucormycosis: A review of an emergent epidemic fungal infection in the era of COVID-19 pandemic
V Chamola, R Mohammadi, H Nair, A Goyal, A Patel, V Hassija, ..., K Shirani
Journal of Research in Medical Sciences 27 (1), 57 4 2022
35. Prevalence of Bacterial surgical site infection in traumatic patients undergoing orthopedic surgeries: a cross-sectional study
M Motififard, M Teimouri, K Shirani, H Saeed, Y Mahila
International journal of burn and trauma 11 (3), 191-196 2 2021
36. Repurposed antiviral drugs for Covid-19—interim WHO solidarity trial results
WHO Solidarity Trial Consortium
New England journal of medicine 384 (6), 497-511 2314 2021
37. COVID-19, An early investigation from exposure to treatment outcomes in Tehran, Iran
MA Ashraf, N Shokouhi, E Shirali, F Davari-Tanha, K Shirani, O Memar, ...
Journal of Research in Medical Sciences: The Official Journal of Isfahan ... 2 2021
38. What was said about COVID-19 and what we heard and what we saw!
M Rostami, K Shirani, S Haghhighipour, MR Yazdani
Journal of Research in Medical Sciences: The Official Journal of Isfahan ... 2021
39. Identification of etiologic agents of recurrent vulvovaginal candidiasis in patients from Isfahan, Iran
K Shirani, Z Allameh, A Moshtazan
2021
40. Comparison of clinical, serological, and radiological findings among hospitalized A-H1N1, B-H1N1, and H3N2 influenza patients
K Shirani, SA Hosseini, B Ataei, A Ayatollahi, S Yaghoubi
Authorea Preprints 2020

41. A narrative review of COVID-19: the new pandemic disease
K Shirani, E Sheikhabahaei, Z Torkpour, MG Nejad, BK Moghadas, ...
Iranian Journal of Medical Sciences 45 (4), 233-44 2020
42. Phenotypic and Genotypic Characteristics of Clostridium Difficile Isolates in Patients with Type 2 Diabetes in Iran
P Shoaee, H Shojaei, K Shirani
Infection and Drug Resistance, 683-690 7 2020
43. COVID-19 pneumonia with scant respiratory symptoms
K Shirani, A Toghyani
Journal of Research in Medical Sciences: The Official Journal of Isfahan ... 8 2020
44. Prospective study of irrational prescription of teicoplanin in a large academic hospital: A dilemma of antimicrobial resistance
M Hajialigol, S Farsaei, K Shirani
Journal of Research in Pharmacy Practice 9 (1), 50 2020
45. Molecular Evaluation of Human Enterovirus-Related Aseptic Meningitis in Isfahan, Iran 2017
M Ansari Chaharsoughi, B Ataei, F Khorvash, K Shirani, M Pourahmad
Jundishapur Journal of Microbiology 13 (2) 2020
46. Prevalence and antibiotic resistance pattern of extended-spectrum beta-lactamase-producing Escherichia coli in clinical specimens
K Shirani, E Seydayi, KS Boroujeni
Journal of Research in Medical Sciences: The Official Journal of Isfahan ... 7 2019
47. Meningitis por Nocardia farcinica en un paciente con enfermedad de Behçet:: caso y revisión de la literatura
K Shirani, F Mohajeri
Revista Española de Quimioterapia 32 (4), 381-383 2019
Nocardia farcinica isolated meningitis in a patient with Behçet's disease: case report and literature review
K Shirani, F Mohajeri
Revista Española de Quimioterapia 32 (4), 381-2 2019
48. Prevalence of herpes simplex virus-1 in hospitalized adult patients with clinical diagnosis of meningoencephalitis using real-time polymerase chain reaction: A single-center ...
K Shirani, F Khorvash, AE Naeini, MV Boroujeni, M Yazdani
Journal of research in medical sciences: the official journal of Isfahan ... 2 2019

Meropenem utilization evaluation in a referral teaching hospital

PRESENTATIONS AND POSTER SESSIONS

1. Viral Hemorrhagic Fevers as Agents of Bioterrorism, scientific conference, Bioterrorism 2012, Saddoghi hospital, Isfahan
2. Assessment of a urinary antigen test in inpatients with pneumococcal pneumonia. The 21st Iranian Congress on Infectious Diseases and Tropical Medicine, 19th January 2012, Tehran
3. Nosocomial infections, research tour, Infectious Diseases and Tropical Medicine Research Center, Isfahan, March 2012
4. Common diseases and problems in pilgrimage, Seminar, May 2013, Isfahan university of medical sciences, Isfahan
5. Assessment, diagnosis, treatment and prevention of blood borne hepatitis, scientific conference, "Causes and treatment of blood borne hepatitis" and "Control and prevention of blood borne hepatitis", June 2013, Isfahan
6. PCP, periodic conferences, Oct 10th 2013, alzahra hospital, Isfahan university of medical sciences, Isfahan
7. Invasive fungal infection, scientific conference, Dec 2013, Aseman hotel, Isfahan
8. Orthopedic conference, retraining, "Pathogenesis and causes of infection after orthopedic surgeries", Feb 2014, zeytoon hall, EDC, Isfahan University of medical sciences, Isfahan
9. Middle East Respiratory Syndrome (MERS), June 2014, Bamdad clinic, Isfahan
10. Prevention of Middle East Respiratory Syndrome (MERS), Sep 2014, Moavenat darman, Isfahan
11. Infectious and febrile illnesses, Oct 2014, medical council, Isfahan.
12. Biologic hazards, Jan 2015, Alzahra Hospital, Isfahan University of Medical Sciences.
13. BCG therapy, Jan 2015, Alzahra Hospital, Isfahan University of Medical Sciences.
14. Hepatitis, 12 Jun 2015, Medical council center, Isfahan
15. New emerging diseases, September 28 2015, Navvab safavi health center, Isfahan
16. New emerging diseases, October 3 2015, Navvab safavi health center, Isfahan
17. Rational use of antibiotics, October 1 2015, Medical council center, Isfahan
18. Management of candidiasis, October 6 2016, Alzahra hospital, Isfahan
19. Rational usage of antibiotics, September 28, 2016, Safir hotel, Isfahan
20. HPV, December 8 2016, Aseman hotel, Isfahan
21. 25th congress of Iran infectious diseases and tropical medicine, December 10 2016, Shahid beheshti university, Tehran
22. HIV and Hepatitis, November 8 and 9 2016, Navvab Safavi health center, Isfahan
23. Rational use of antibiotics, January 12 2017, Isfahan medical council center

24. Rational use of antibiotics, July 19 2017 Isfahan medical council center
25. Common infectious diseases, August 17 2017, Kowsar hotel, Isfahan
26. Common infectious diseases, October 18 2017, safir hotel, Isfahan
27. HPV, November 14 2017, Zeitoon Hall, Isfahan university of medical sciences
28. Fungal infection in immunocompromised host, March 8 2018, Mashahir hall, Isfahan
29. Influenza, April 12 2018, Isfahan medical council center
30. Influenza, April 19 2018, Isfahan medical council center
31. Infection in HSCT (Hematopoietic stem cell transplant), June 14 2018, Alzahra hospital, Isfahan
32. Infection in special hosts (kidney transplant and HSCT), June 28 2018, Kowsar hotel, Isfahan
33. Common infectious diseases, Sep 13 2018, Kowsar hotel, Isfahan
34. Influenza, Sep 27 2018, Kowsar hotel, Isfahan
35. Antibiotic stewardship, Nov 15 2018, Kowsar hotel, Isfahan
36. Respiratory infections, Feb 14 2019, Kowsar hotel, Isfahan
37. Herpetic infections, April 25 2019, Kowsar hotel, Isfahan
38. Asymptomatic bacteriuria, June 13 2019, Alzahra hospital, Isfahan
39. Antibiotic stewardship, July 11 2019, Kowsar hotel, Isfahan
40. Fungal infections in ICU patients and patients under chemotherapy, July 18 2019, Kowsar hotel, Isfahan
41. Herpetic infections, April 2019, Kowsar hotel, Isfahan
42. Antibiotic stewardship in respiratory and alimentary infections, June 2019 Kowsar hotel, Isfahan
43. GI infections, Alzahra hospital, Oct 2019
49. Infection control in hospital, Isfahan university of medical sciences, Feb 2023
50. Response to biologic evidences, Royesh hall, Feb 2023
51. Antibiotic stewardship, Isfahan university of medical sciences, Feb 2023

PATENTS

Date, Item, number

RESEARCH INTERESTS

Nosocomial infections

Infection in immuno-deficient patients
Fungal infections
COVID-19

TEACHING INTERESTS

Nosocomial infections

Mucormycosis

Viral infections

Clinical syndromes of infections

PROFESSIONAL MEMBERSHIPS

Deputy of Infectious Diseases Department

Secretary of Infection prevention and control (IPC) of Alzahra hospital

Member of maternal morbidity and mortality committee

Member of morbidity and mortality committee

Secretary of Antibiotic stewardship committee

EXTRA CURRICULAR ACTIVITIES

In charge of ethic committee in research at medical school, Isfahan university of Medical sciences sine 2021

Appointed as Isfahan Medical Council's Expert in Public Prosecutor's Office, since 2017

Member of experts to check the files at forensic medicine center sine 2023