

In the name of God

Curriculum Vitae

Personal Information

First name: Shervin

Surname: Ghaffari Hoseini

Date of birth: 2 Jul 1976

Nationality: Iranian

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Educational Background

- 1994 – 2002 MD degree, School of medicine, Isfahan University of medical science, Isfahan, Iran (Total average: 18)
- 2006 – 2011 PhD student of parasitology, School of medicine, Isfahan University of medical science, Isfahan, Iran (total average of 18.93)
- 2017 till now Clinician Scientist student, resident of Physical medicine and rehabilitation, Isfahan University of Medical Sciences
- 2020 Board certified in Physical Medicine and Rehabilitation
- 2022 Post Doc in cardiac rehabilitation

Prizes and Awards

- 1994 Rank 23 in Iran national university entrance exam
- 1994 First rank student accepted for medical education in Isfahan University of medical science
- 1995 Awarded as first rank medical student during basic science period
- 2002 Awarded as third rank MD graduate in Isfahan University of medical science

Work Experiences

- 2003 – 2005 Working as MD professional at Neisian, Ardestan and at Nikabad Hospital, Jarghooie
- 2012 - 2016 Working as researcher in Infectious Diseases and Tropical Medicine Research Center, Isfahan University of Medical Sciences
- 2022 till now Faculty member of IUMS; assistant professor

Professional training

- 1998 A seven-day workshop on "Research methods" at research institute, Isfahan University of Medical Sciences
- 2007 A two-month educational course on "Bioinformatics and data bases" held by National Institute of Genetic Engineering and Biotechnology at School of Pharmacology, Isfahan University of Medical Sciences
- 2007 A 40- hour educational course on "SPSS software" at Isfahan ACECR
- 2008 A workshop on "DNA-based ELISA" at Rasta Daroo, Tehran
- 2008 A seven-day international workshop on "Quantitative Real Time PCR" at Pasteur institute of Tehran,Iran
- 2013 A three-day workshop on “systematic reviews” in Isfahan University of Medical Sciences
- 2015 A three-day workshop on “Medical journalism” in Isfahan University of Medical Sciences
- 2015 A one-day workshop on "Research methods" in Isfahan University of Medical Sciences
- 2016 A 20-hour training session of cardiac rehabilitation in Isfahan Cardiac Rehabilitation Research Center
- 2016 A two-day workshop on "Health evidence synthesis and guideline development using the grade approach" held by vice-chancellery for research and technology, Isfahan University of Medical Sciences with the assistance of McMaster University, Canada
- 2017 A two-day workshop on “Grant writing for NIH” held by USERN Office at Isfahan university of Medical Sciences with the assistance of University of California, San Francisco (UCSF)
- 2019 A comprehensive course on designing, conducting, analyzing, and writing systematic review / meta-analysis.
- 2021 A virtual workshop on proteomics data analysis.

Published papers

1. Hoseini SG, Javanmard SH, et al. : Regulatory T-cell profile in early and late lesions of cutaneous leishmaniasis due to *Leishmania major*. J Res Med Sci 2012;17(6):513-8 (ISI)
2. Hejazi SH, Hoseini SG* et al. : Interleukin-10 and Transforming Growth Factor- β in Early and Late Lesions of Patients with *Leishmania major* induced Cutaneous Leishmaniasis. Iranian J Parasitol 2012;7:53-60 (ISI)
3. Ataei B, Zahraei S, Pezeshki Z, Babak A, Nokhodian Z, Mobasherizadeh S, Hoseini SG*. Baseline evaluation of hand hygiene compliance in three major hospitals, Isfahan, Iran. Journal of Hospital Infection 2013;85:69-72 (Short report, ISI, IF= 2.6)
4. Shakibapour M, Hoseini SG, Mahmoodi M, Rostami F, Hejazi SH. Effect of Acupuncture Treatment on Level of Serum Interferon (IFN)- γ in BALB/c Model of Leishmania Major Infection. Journal of Isfahan Medical School 2013;31
5. Shakibapour M, Mahmoodi M, Hoseini SG, et al. Therapeutic effect of acupuncture in BALB/c model of cutaneous leishmaniasis. Advanced biomedical Journal 2013
6. Fatahi S, Ajami A, Fadaei R, ..., Hoseini SG*. Widespread antibiotic resistance of diarrheagenic Escherichia coli and Shigella species. J Res Med Sci . 2014;19(3). (ISI)
7. Hoseini SG, Javanmard SH, Hejazi SH, et al. Comparison of immune regulatory factors in acute and chronic lesions of cutaneous leishmaniasis due to Leishmania major. J Res Med Sci . 2014;19(3). (ISI)
8. Khorvash F, Abbasi S,..., Hoseini SG*. Molecular detection of Candida spp. and Aspergillus fumigatus in bronchoalveolar lavage fluid of patients with ventilator-associated pneumonia. J Res Med Sci . 2014;19(3). (ISI)
9. Farajzadegan F, Hoseini SG, Kelishadi R, et al. Systematic review and meta-analysis on the age- specific seroprevalence of hepatitis A in Iran. J Res Med Sci . 2014;19(3). (ISI)
10. Mohtashamipour M, Hoseini SG, Pestehchian N, Yousefi H, Fallah E, Hazratian T. Intestinal parasitic infections in patients with Diabetes Mellitus: A case-control study. Journal of Analytical Research in Clinical Medicine. 2015;3(3).
11. Hoseini SG, Kelishadi R, Ataei B, Yaran M, Motlagh ME, Ardalan G, et al. Seroprevalence of hepatitis A in Iranian adolescents: is it time to introduce a vaccine? Epidemiology and Infection. 2016;144(2):291-6. (ISI, IF= 2.5)

12. Hoseini SG, Kelishadi R, Kasaeian A, Ataei B, Yaran M, et al. Seroprevalence and Risk Factors of Varicella Zoster Infection in Iranian Adolescents: A Multilevel Analysis; The CASPIAN-III Study. *PloS one*. 2016;11(6):e0158398. (ISI, IF= 3)
13. Mostafavi SN, Kelishadi R, ..., Hoseini SG*, et al. Comparison of the prevalence and risk factors of Hepatitis A in 10-18-year-adolescents of sixteen Iranian provinces: the CASPIAN- III study. *Hepatitis Monthly*. 2016;16(9). (ISI, IF= 1.9)
14. Nokhodian Z, Feizi A, Moradi A, Yaran M, Hoseini SG, Ataei B, et al. Detection and risk factors of *Coxiella burnetii* infection in dairy cattle based on bulk tank milk samples in center of Iran. *Preventive Veterinary Medicine*. 2016 (ISI, IF=2.18)
15. Kalantar E, gharavi MJ, Oshaghi M, Gharegozlou B, Mohammadi S, Heshmat R, Ghaffari Hoseini S, et all. Seroprevalence of *Helicobacter Pylori* Infection in Iranian Adolescents: the CASPIAN- III Study. *International Journal of Pediatrics*. 2017;5(1):4251-6 (ISI)
16. Nasirian M, Kianersi S, Hoseini SG, Kassaian N, Yaran M, Shoaie P, et al. Prevalence of Sexually Transmitted Infections and Their Risk Factors among Female Sex Workers in Isfahan, Iran: A Cross-Sectional Study. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*. 2017;16(6):608-14.
17. Nokhodian Z, Feizi A, Ataei B, Hoseini SG, Mostafavi E. Epidemiology of Q fever in Iran: A systematic review and meta-analysis for estimating serological and molecular prevalence. *Journal of research in medical sciences: the official journal of Isfahan University of Medical Sciences*. 2017;22.
18. Mostafavi SN, Hoseini SG, Kelishadi R, Ataei B, Safari O, Yaran M, et al. Seroprevalence of Varicella Zoster Infection at Provincial Level in Iranian Adolescents: The CASPIAN-III Study. *Archives of Pediatric Infectious Diseases*. 2017;5(4).
19. Gharavi MJ, Roozbehani M, Miahipour A, Oshaghi M, Gharegozlou B, Kalantar E, Gaffari Hoseini S, et al. Prevalence of Anti-*Toxoplasma gondii* Antibodies in Young Iranians: The CASPIAN III Study. *Archives of Pediatric Infectious Diseases*. 2018;6(1).
20. Kalantar E, Gharavi MJ, Ghaffari Hoseini S, Heshmat R, Oshaghi M, Gharegozlou B, et al. Association of *Helicobacter Pylori* Infection with Cardiometabolic Risk Factors among Iranian Adolescents: the CASPIAN III Study. *International Journal of Pediatrics*. 2018;6(2):7045-54.

21. Mostafavi SN, Jafari A, Hoseini SG, Khademian M, Kelishadi R. The efficacy of low and moderate dosage of diazepam on sleep bruxism in children: A randomized placebo-controlled clinical trial. *Journal of research in medical sciences: the official journal of Isfahan University of Medical Sciences*. 2019;24.
22. Nokhodian Z, Ataei B, Feizi A, Moradi A, Yaran M, Hoseini SG. Detection of *Coxiella burnetii* and risk factors for infection in ruminants in a central county of Iran. *Veterinary microbiology*. 2018 Aug 1;222:7-10.
23. Karamouzian M, Nasirian M, Ghaffari Hoseini S, Mirzazadeh A. HIV and Other Sexually Transmitted Infections Among Female Sex Workers in Iran: A Systematic Review and Meta-Analysis. *Archives of Sexual Behavior*. 2019(November):1-15 (ISI, Impact factor: 3.22)
24. Sadeghi, M., Khosrawi, S., Heshmat-Ghahdarjani, K., Gheisari, Y., Roohafza, H., Mansoorian, M., and Hoseini, S. G. Effect of melatonin on heart failure: design for a double-blinded randomized clinical trial. *ESC Heart Failure*, 2020: 3142– 3150 (ISI, Impact factor: 3.90)
25. Sadeghi M, Hoseini SG*, Nateghi A, Sarrafzadegan N, Mansoorian M, Najafian J, Roohafza H. Fixed Dose Combination Therapy for Secondary Prevention of Major Cardiovascular Events: Review of Literature and Design for Persian Polypill, A Randomized Clinical Trial. *Curr Probl Cardiol*. 2021 Apr 20:100872. doi: 10.1016/j.cpcardiol.2021.100872. Epub ahead of print. PMID: 34016484.
26. Hoseini SG, Heshmat-Ghahdarjani K, Khosrawi S, Garakyaraghi M, Shafie D, Roohafza H, Mansourian M, Azizi E, Gheisari Y, Sadeghi M. Effect of melatonin supplementation on endothelial function in heart failure with reduced ejection fraction: A randomized, double-blinded clinical trial. *Clin Cardiol*. 2021 Jun 28. doi: 10.1002/clc.23682. Epub ahead of print. PMID: 34184295.
27. Roohafza H, Noohi F, Hosseini SG, Alemzadeh-Ansari M, Bagherieh S, Marateb H, Mansourian M, Mousavi AF, Seyedhosseini M, Farshidi H, Ahmadi N, Yazdani A, Sadeghi M. A Cardiovascular Risk Assessment model according to behavioral, pSychosocial and traditional factors in patients with ST-segment elevation Myocardial Infarction (CRAS-MI): review of literature and methodology of a multi-center cohort

study. *Curr Probl Cardiol.* 2022 Feb 19;101158. doi: 10.1016/j.cpcardiol.2022.101158. Epub ahead of print. PMID: 35192872.

28. Hoseini SG, Heshmat-Ghahdarjani K, Khosrawi S, Garakyaraghi M, Shafie D, Mansourian M, Roohafza H, Azizi E, Sadeghi M. Melatonin supplementation improves N-terminal pro-B-type natriuretic peptide levels and quality of life in patients with heart failure with reduced ejection fraction: Results from MeHR trial, a randomized clinical trial. *Clin Cardiol.* 2022 Feb 16. doi: 10.1002/clc.23796. Epub ahead of print.

Research Activities

- 2007 Participated in the "The 3rd National Congress of Updates in Dermatology Diseases & Leishmaniasis"
- 2007 Participated in the "National congress on Hydatid cyst"
- 2007 Participated in the "Royan International congress on stem cell biology"
- 2009 Participated in the "National congress of Endothelium"
- 2009 A poster presentation in 4th World Congress on Leishmaniasis "Role of apoptosis in ulcer formation and wound healing of cutaneous leishmaniasis"
- 2012 A poster presentation in 8th NICOPA: "Interleukin-10 and transforming growth factor-b in early and late lesions of patients with *Leishmania major* induced cutaneous leishmaniasis"
- 2013 A poster presentation in 5th World Congress on Leishmaniasis: "detection of *Leishmania* parasite in biopsy specimens of human cutaneous leishmaniasis by reverse transcription real time PCR in Isfahan, Iran"
- 2013 Participated in conference on primary immunodeficiency diseases
- 2015 Participated in an international conference on Mycobacterial diseases.
- 2018 Participated in third national conference of Physical medicine and rehabilitation
- 2019 Oral presentation in 7th Iranian Joint Cardiovascular Congress: Effect of melatonin on sarcopenia and proteomic profile of muscle in patients with heart failure: a double blinded randomized clinical trial.

Involvement in Scientific Projects

- 2007 Effect of TCA50% on cutaneous leishmaniasis in murine model.
- 2008 Effect of INF- γ on endothelial nitric oxide production and apoptosis.
- 2008 Effect of Supernatant of Peripheral Blood Mononuclear Cell Culture, Infected with *Leishmania major*, on Keratinocyte and Fibroblast Cell Cultures.
- 2009 Comparison of immune regulatory mechanisms in skin lesions of healing and non-healing old world cutaneous leishmaniasis.
- 2013 Epidemiology of intestinal parasites in high risk groups in Isfahan province.
- 2013 Evaluation of prevalence of Trichomonas vaginalis infection by molecular method in cervical discharges and urine samples from women with risky social behavior and potential risk factors in Isfahan, Iran, 2013.
- 2013 Evaluation of prevalence of intestinal parasitic protozoa in diabetic patients in comparison with non-diabetic control group in Isfahan in first six months of 1393
- 2014 Comparison of the prevalence and risk factors of Hepatitis A in 10-18-year-adolescents of sixteen Iranian provinces
- 2014 Seroprevalence and Risk Factors of Varicella Zoster Infection in 10-18-year-old Iranian Adolescents
- 2015 Detection and risk factors of Coxiella burnetii infection in dairy cattle based on bulk tank milk samples in Isfahan County
- 2015 Seroprevalence and risk factors of Q fever among high risk occupational groups in Isfahan County
- 2017 Adherence to and cost-effectiveness of a Polypill versus usual care for secondary prevention of cardiovascular diseases in patients with a history of acute coronary syndrome in Isfahan, Iran, a randomized clinical trial (NIMAD project)
- 2018 Effect of Melatonin on Mass, Function, and Proteomic Profile of Skeletal Muscle in Patients with Heart Failure, a Double-blinded Prospective Randomized Clinical Trial (NIMAD project)

- 2018 A cardiovascular risk assessment model according to behavioral, psychosocial and traditional factors in patients with myocardial infarction: A multi-center cohort study (NIMAD project)
- 2020 Assessment of effect of Tai Chi compared with aerobic exercise on exercise capacity and clinical outcomes in heart failure with preserved ejection fraction, a randomized clinical trial.

Scientific Activities

- 2009 Conductor of one-day tour on "cell culture" as lecturer
- 2009 Conductor of workshop on "Real Time PCR" as lecturer
- 2009 Administrative committee member of "National congress of Endothelium"
- 2009 Referee of first "National Olympiad of Medical Students" in basic science section.
- 2011 till now Referee of some scientific projects in Isfahan University of medical science
- 2011 till now Referee of Advanced Biomedical Research Journal and Journal of Research in Medical Science

Educational Activities

- 2007-2013 Working as a lecturer in courses of PhD, medical and paramedical students in Parasitology and Mycology department, School of medicine, Isfahan University of medical science.
- 2012-2013 Working as assisted professor in parasitology courses of medical students in Islamic Azad University Najafabad Branch

Published books

- 2012 How do cells talk (first book: cell surface receptors), Isfahan university of medical Science
- 2011 Biology of parasites, Islamic Azad University of Brojen

Language

- English Fluent in writing, reading and listening
Obtained MCHE certificate (English Language proficiency) (2006, score=82)

