

## **CURRICULUM VITAE**



Dr. Mohammad Amin Ghatee, Medical Parasitologist.

Birth: 1980, Shiraz city, Iran

Marital status: married

### **Qualifications**

BS in Laboratory Sciences in Shiraz University of Medical Sciences

MS in Medical Parasitology in Shiraz University of Medical Sciences

Ph.D in Medical Parasitology in Kerman University of Medical Sciences

Iranian Medical Council Registration No: 3634

### **Current appointment**

Professor

Faculty Member in Yasuj University of Medical Sciences since 2013

### **Achievements**

First rank in BS of Laboratory Sciences in Shiraz University of Medical Sciences, GPA: 18.19/20

Second rank in MS entrance examination of Medical parasitology in Iran

First rank in MS of Medical Parasitology in Shiraz University of Medical Sciences, GPA: 18.64/20

Fifth rank in PhD entrance examination of Medical parasitology in Iran

First rank in PhD of Medical Parasitology in Kerman University of Medical Sciences, GPA: 18.32/20

Rewarded with National Foundation of Elites (Iran)

Recipient of Young Assistant Professors Grant from Deputy of Research and Technology, Ministry of Health and Education

Excellent researcher of Yasuj University of Medical Sciences

Excellent researcher of Medical faculty

### **Executive responsibilities**

Chair of YUMS Student Research Committee

Research Vice President of the Faculty of Medicine  
Executive manager of Persian Cohort Project; Sisakht  
Secretary of Improvement Committee for faculty members; Faculty of Medicine  
Director of Education Development office, Faculty of Medicine  
Director of Exceptional Talents office, Faculty of Medicine  
Director of International Affairs office, Faculty of Medicine  
Representative of YUMS for accreditation of General Physician courses  
Member of YUMS Vice-Chancellor for Research and Technology Council  
Member of Cellular and Molecular Research Center council  
Member of Medicinal Plant Research Center council

### **Scientific experience**

Parasitology covering leishmaniasis (research line), hydatidosis, and trichostrongyloidea  
Infectious diseases  
DNA based molecular techniques including PCR, PCR-RFLP, real time-PCR  
DNA sequence analysis and Phylogenetic analysis using software such as Genious, MEGA6, BioEdit  
Geographic information systems and ArcGIS package software and their application in Medical Sciences  
Statistical Modeling by SPSS  
Population genetic statistics with DNASP software.  
Meta-analysis using Stata  
Electronic content and podcast production using Articulate Story line, Camtasia and Faststone software

### **Teaching responsibilities**

Production of Podcasts of Parasitology learning  
Learning enhancement of Medical students in Parasitology laboratory course through smart cell phones  
Improvement of the Medicine students learning by publication of helminthological contents having interdisciplinary matters  
Learning improvement of students of Microbiology master of sciences in Protozoology course through hybrid flipped classroom approach by using learning management system (LMS)  
Learning enhancement of Medical students of Yasuj University of Medical Sciences in Parasitology students through hybrid flipped classroom approach by using NAVID learning management system of Ministry of Medical Health and Education  
Enhancement of virtual education of medical student in Parasitology course with vocal schoolwork in Yasuj University of Medical Sciences

Enhancement of faculty members evaluation by preparation and accomplishment of new package of evaluation system

**Thesis Supervisor and Advisor (scientific and Methodologic & statistical) in:** General Physician, Pediatric residency program, Gynecologic residency program, MS of nutrition, MS of nursing, MS of Microbiology, General Dentistry, Ph. D of Parasitology (more than 40 theses)

**Scopus H Index: 17**

**Languages:**

Persian

English

French (preliminary)

**Publications**

1. Improvement of the Newly Developed Latex Agglutination Test (Katex) for Diagnosis of Visceral Leishmaniasis. Gholam Reza Hatam, Mohammad Amin Ghatee, Seyed Mohammad Hossein Hossini, Bahador Sarkari\*. Journal of Clinical Laboratory Analysis 2009
2. Performance of Latex Agglutination Test (Katex) for diagnosis of Visceral Leishmaniasis in Iran. Mohammad Amin Ghatee, Gholamreza Hatam, Seyed Mohammad Hossein Hossini, Bahador Sarkari\*. Iranian journal of immunology 2009
3. Epidemiological Features of Visceral Leishmaniasis in Fars Province, Southern Iran. Bahador Sarkari, Gholamreza Hatam, Mohammad Amin Ghatee. Iranian Journal of Public Health 2012
4. Investigation of Double-Band Electrophoretic Pattern of ITS-rDNA Region in Iranian Isolates of Leishmania tropica. Mohammad Amin Ghatee , Iraj Sharifi\*, Hossein Mirhendi, Zahra Kanannejad, Gholamreza Hatam. Iranian journal of Parasitology 2013
5. Spatial correlations of population and ecological factors with distribution of visceral leishmaniasis cases in southwestern Iran. Mohammad Amin Ghatee, Iraj Sharifi\*, Ali Akbar Haghdooost, Zahra Kanannejad, Zahra Taabody, Gholamreza Hatam, Abbas Abdollahipanah. Journal of Vector Borne Disease 2013
6. Heterogeneity of the internal transcribed spacer region in Leishmania tropica isolates from southern Iran. Mohammad Amin Ghatee , Iraj Sharifi , Katrin Kuhls , Zahra Kanannejad , Majid Fasihi Harandi, Marcos E. de Almeida , Gholamreza Hatam , Hossein Mirhendi\*. Experimental Parasitology 2014
7. Molecular epidemiological survey of cutaneous leishmaniasis in two highly endemic metropolises of Iran, application of FTA cards for DNA extraction from Giemsa-stained slides. Shahrokh Izadi, Hossein Mirhendi, Niloufar Jalalizand, Hossein Khodadadi, Mehdi Mohebali, Shahram Nekoeian, Ali Jamshidi, and Mohammad Amin Ghatee\*. Jundishapur Journal of Microbiology 2016

8. Phylogenetic structure of *Leishmania tropica* in the new endemic focus Birjand in East Iran in comparison to other Iranian endemic regions. Mehdi Karamiana, Katrin Kuhls, Mina Hemmatid, Mohammad Amin Ghateee\*. *Acta tropica* 2016
9. Visceral Leishmaniasis in Southwestern Iran: A Retrospective Clinico-Hematological Analysis of 380 Consecutive Hospitalized Cases (1999–2014). Bahador Sarkari\*, Tahereh Naraki, Mohammad Amin Ghatee, Samaneh Abdolahi Khabisi, Mohammad Hassan Davami. *PLOS ONE* 2016
10. Genetic diversity of *Leishmania tropica* strains isolated from clinical forms of cutaneous leishmaniasis in rural districts of Herat province, Western Afghanistan, based on ITS1-rDNA. Mahdi Fakhar , Hossein Pazoki Ghohe, Sayed Abobakar Rasooli, Mehdi Karamian\*, Abdul Satar Mohib, Hajar Ziaei Hezarjaribi , Abdol Sattar Pagheh , Mohammad Amin Ghatee. *Infection, Genetics and Evolution* 2016
11. Survey of false-positive reactivity of latex agglutination test for Kala-azar (Katex) without urine sample boiling process in autoimmune patients. Mohammad Amin Ghatee\*, Zahra Kanannejad, Iraj Sharifi \*, Asma Askari , Mehdi Bamorovat. *Iranian Journal of Public Health* 2017
12. Distribution pattern of anthroponotic cutaneous leishmaniasis caused by *Leishmania tropica* in Western Afghanistan during 2013-2014. Mahdi Fakhar, Mehdi Karamian, Mohammad Amin Ghatee\*, Walter Robert Taylore, Hossein Pazoki Ghohe, Sayed Abobakar Rasoolih. *Acta tropica* 2017
13. Heterogeneity of *Echinococcus canadensis* genotype 6 – the main causative agent of cystic echinococcosis in Birjand, Eastern Iran. Mehdi Karamiana, Fatemeh Haghighib, Mina Hemmatia, Walter Robert Taylor, Alireza Salehabadie, Mohammad Amin Ghatee\*. *Veterinary Parasitology* 2017
14. Role of environmental, climatic risk factors and livestock animals on the occurrence of cutaneous leishmaniasis in newly emerging focus in Iran. Mohammad A. Ghatee\*, Ali A. Haghdooost, Fatemeh Kooreshnia, Zahra Kanannejad, Zafar Parisaie, Mehdi Karamian, Abdolali Moshfe. *Journal of Infection and Public Health* 2018
15. Population structure of *Leishmania tropica* causing anthroponotic cutaneous leishmaniasis in southern Iran by PCR-RFLP of Kinoplastid DNA. Mohammad Amin Ghatee, Hossein Mirhendi, Masoud Marashifard, Zahra Kanannejad, Walter R. Taylor, Iraj Sharifi\*. *Biomed Research International* 2018
16. Population structures of *Leishmania infantum* and *Leishmania tropica* the causative agents of kala-azar in Southwest Iran. Mohammad Amin Ghatee\*, Hossein Mirhendi, Mehdi Karamian, Walter R. Taylor, Iraj Sharifi, Massood Hosseinzadeh, Zahra Kanannejad. *Parasitology Research* 2018
17. Clinical and microbial epidemiology of otomycosis in the city of Yasuj, southwest Iran, revealing *Aspergillus tubingensis* as the dominant causative agent. Gholamabbas Sabz, Maral Gharaghani, Hossein Mirhendi, Bahram Ahmadi, Mohamad Amin Gatee, Marzie Taheripour Sisakht, Alireza Hemati1, Reza Mohammadi, Jabar Taghavi, Sadegh Nouripour-Sisakht\*. *Journal of medical microbiology* 2019
18. Cytokine profile and nitric oxide levels in macrophages exposed to *Leishmania infantum* FML. Shafiei Rezaa,, Namdar Ahmadabad Hasana,\*, Nezafat Firizi Maryamc, BakhshiJoibari Fahimehc,Amirali Ghahremanid, Hatam GholamRezae, Ghatee Mohammad Amin. *Experimental Parasitology* 2019
19. Effect of human, livestock population, climatic and environmental factors on the distribution of brucellosis in southwest Iran. Zahra Kanannejad, Aliakbar Haghdooost, Mohammad Amin Ghatee\*, Faezeh Azarifar, Saideh Shahriari, Abdolali Moshfe. *Acta Medica Mediterranea* 2019
20. Geo-climatic factors in a newly emerging focus of VL in rural areas of northeastern Iran. Mohammad Amin Ghatee, Mahdi Fakhar \*, Majid Derakhshani-Niya, Zeynab Behrouzi, Saeed Hosseini Teshnizi. *Transboundary and Emerging Diseases* 2020

21. Genotyping and phylogenetic analysis of unusually located hydatid cysts isolated from humans in north-east Iran. R. Shafiei, M.A. Ghatee, F. Jafarzadeh, Z. Javanshir and M. Karamian\*. *Journal of Helminthology* 2020
22. Environmental and climatic factors influencing the occurrence and distribution of tuberculosis in southwest Iran: A GIS-Based study. Abdolkarim Ghadimi-Moghadam, Marjan Salahi, Mohammad Amin Ghatee\*, Ali Ghadimi-Moghadam, Zahra Kanannejad, Arezoo Mosavi, Omid Ramshk, Sajjad Khoramrooz. *Acta Medica Mediterranea* 2020
23. The geographical distribution of cutaneous leishmaniasis causative agents in Iran and its neighboring countries, a review. Mohammad Amin Ghatee, Walter R. Taylor, Mehdi Karamian\*. *Frontiers in Public Health* 2020
24. Investigating the etiologic agents of aseptic meningitis outbreak in Iranian children. Abdolkarim Ghadimi Moghadam, Eslam Yousefi, Mohamad Amin Ghatie, Ali Ghadimi Moghadam, Gholam Reza Pouladfar, Marzieh Jamalidoust\*. *Journal of Family Medicine and Primary Care* 2020
25. Effects of Geographical and Climatic Factors on Cystic Echinococcosis in Southwestern Iran. Ali Jamshidi, Ali Haniloo, Aliasghar Fazaeli, Mohammad Amin Ghatee\*. *Journal of Helminthology* 2020
26. Phylogenetic analysis of *Trichostrongylus vitrinus* isolates from southwest Iran. Mohammad Amin Ghatee\*, Seyed Ali Asghar Malek Hosseini, Masoud Marashifard3 Mehdi Karamian, Walter Robert Taylor, Ali Jamshidi1, Iraj Mobedi, Hasan Azarmehr. *Parasite & Vector* 2020
27. Environmental, climatic and host population risk factors of human cystic echinococcosis in southwest of Iran. Mohammad Amin Ghatee, Koorosh Nikaein, Walter Robert Taylor, Mehdi Karamian, Hasan Alidadi, Zahra Kanannejad, Faezeh Sehatpour, Fateme Zarei, Gholamreza Pouladfar\*. *BMC Public Health* 2020
28. Antimicrobial Susceptibility Pattern in the bacteria isolated from Surgical Site Infection: Emphasis on *Staphylococcus aureus*; Yasuj City, Southwest Iran . Zaker S Nejad, Zahra Darabzadeh, Farzad Mazloomirad , Seyed S Khoramrooz, Mohammad A Ghatee, Sadegh N Sisakht , Hossein Esfandiari , Asghar Sharifi A, Fatima S Nia. *Clinical Laboratory* 2021
29. Relationship between *Bacillus Calmette Guerin* Vaccination Policy and Coronavirus Disease-2019 (COVID-19) Incidence. Soheila Alyasin, Zahra Kanannejad \*, Hossein Esmaeilzadeh, Hesamedin Nabavizadeh, Mohammad Amin Ghatee, Reza Amin. *Iranian Journal of Allergy, Asthma and Immunology* 2021
30. Detection of phylogenetic groups and Antibiotic Resistance gens of Uropathogenic *Escherichia coli* strains isolated from patients with urinary tract infections. Mostafa Boroumand Boroumand\* , Mohsen Naghmachi\*\* , Mohammad Amin Ghatee. *Jundishapur Journal of Microbiology* 2021
31. Serum Zinc Level in beta-Thalassemia Major: A Retrospective Study in Southwest Iran. Zardkhoni, S.Z., Moghaddam, A.G., Rad, F., Ghatee, M.A., Omidifar, N., Ghaedi, M. and Etemadfar, P. *Hemoglobin* 2021
32. Sequence analysis, intra-genotyping variation, and phylogenetic study of *nad1* gene in *Echinococcus granulosus sensu lato* genotypes from intermediate hosts in southwestern Iran. Haniloo, A., Jamshidi, A., Ghatee, M.A. and Fazaeli, A. *Veterinary Parasitology: Regional Studies and Reports* 2021
33. The effect of geo-climatic determinants on the distribution of cutaneous leishmaniasis in a recently emerging focus in eastern Iran. Karamian, M., Ghatee, M.A., Shayesteh, M., Taylor, W.R., Mohebi-Nejad, S., Taheri, G. and Jamavar, M.R. *Parasites & Vectors*, 2021
34. PPARgamma activation by pioglitazone enhances the anti-proliferative effects of doxorubicin on pro-monocytic THP-1 leukemia cells via inducing apoptosis and G2/M cell cycle arrest. Ghasemi, H., Jamshidi, A., Ghatee, M.A., Mazhab-Jafari, K., Khorasani, M., Rahmati, M. and Mohammadi, S. *Journal of Receptors and Signal Transduction* 2021

35. Hospital discharge on the first compared with the second day after a planned cesarean delivery had equivalent maternal postpartum outcomes: a randomized single-blind controlled clinical trial. Ghaffari, P., Vanda, R., Aramesh, S., Jamali, L., Bazarganipour, F. and Ghatee, M.A. BMC Pregnancy and Childbirth 2021
36. Effects of an Iranian traditional fermented food consumption on blood glucose, blood pressure, and lipid profile in type 2 diabetes: a randomized controlled clinical trial. Salehi, S.O., Karimpour, F., Imani, H., Ghatee, M.A., Pirouze, M. and Bahramfard, T. European Journal of Nutrition 2022
37. A comparative study of the proximity to nomadic travel routes and environmental factors on the occurrence of cutaneous leishmaniasis in Kohgiluyeh and Boyer-Ahmad province, southwestern Iran. Ghatee, M.A., Nikaein, K., Rajaie, O., Taylor, W.R. and Karamian, M. Transboundary and Emerging Diseases 2022
38. Geo-Climatic Risk Factors for Childhood Asthma Hospitalization in Southwest of Iran. Zahra Kannejad, Mohammad Shomali, Hossein Esmaeilzadeh, Hesamedin Nabavizadeh, Koorosh Nikaein Zahra Ghahramani, Mohammad Amin Ghatee\*, Soheila Alyasin\*. Pediatric Pulmonology. 2022
39. A family cluster of cutaneous Leishmania major infection unresponsive to intralesional meglumine antimonial: Case reports. Ziaee, M., Ghatee, M.A., Taylor, W.R. and Karamian, Indian Journal of Medical Microbiology 2022.
40. Prevalence of Aminoglycoside and Carbapenemase Resistance Genes and Biofilm Formation among Clinical Isolates of Acinetobacter baumannii in Iran. Ghasemi S, Shoja S, Mazloomirad, F, Ghatee M.A, Rashidpoor F, Khoramrooz S.S, Khosravani S.A, Sharifi A. Mediterranean Journal of Infection, Microbes & Antimicrobials, 2022
41. Association of ABO Blood Group and the Risk of COVID-19 Infection. Etemadfar, P., Rad, F., Rostami Yasuj, S. H., Fakhari, G., Esmaeili, O. S., Niazkar, H. R., & Ghatee, M. A. Journal of Clinical Care and Skills 2023
42. Geo-climatic variability and adult asthma hospitalization in Fars, Southwest Iran. Kannejad, Z., Shokri, Y., Alyasin, S., Ghatee, M. A., & Soleimani, S. Frontiers in Environmental Science 2023.
43. Geospatial Analysis and Molecular Epidemiologic Study of Emerging Pulmonary Lophomoniasis in Iran: A National Registry-Based Study. Ghatee, M. A., Nakhaei, M., Sharifpour, A., Fakhar, M., Mohamadi, N., Soleymani, M & Mehravaran, H. Journal of Parasitology Research, 2023.
44. Geo-climatic risk factors for chronic rhinosinusitis in southwest Iran. Ghatee, M. A., Kannejad, Z., Nikaein, K., Fallah, N., & Sabz, G. Plos one 2023.  
Geographical and climatic risk factors of cutaneous leishmaniasis in a hyper-endemic focus of Bam County in southeast Iran. Ghatee, M.A., Sharifi, I., Mohamadi, N., Esmaeili Moghaddam, B., Kohansal M.H., Frontiers in Public Health 2023.
45. Bioclimatic analysis and spatial distribution of fascioliasis causative agents by assessment of Lymnaeidae snails in northwestern provinces of Iran. Galavani, H., Haniloo, A., Raeghi, S., Ghatee, M. A., Karamian M. Parasites & Vectors 2024.

## **Books:**

Medical Helminthology (in Persian; Jame-e-Negar publisher)

Phylogeny of Hydatid cyst (in Persian)

**Reviewer for the following Journals:**

Acta tropica

Plos One

Plos Neglected Tropical Diseases

BMC Infectious Diseases

Microbe and Infection

Open Public Health Journal

Armaghan-e-Danesh (more than 190 papers)

International Archives of Medical Microbiology

Annals of Clinical Cytology and Pathology

Annals of Community Medicine and Practice

Onderstepoort Journal of Veterinary Research

Journal of Veterinary Science & Animal Husbandry (JVSAH)

Korean Journal of Parasitology

Emirates New Medical Journal

Science of the Total Environment

Journal of Parasitic Diseases

Journal of Scientific Research and Reports

Asian Journal of Hematology

Frontiers In Allergy

Transboundary and Emerging Diseases

**Proposal and thesis reviews:**

I have reviewed more than 245 proposals and thesis combined.

**Journal editor**

Advisory board member for Immunology, virology, microbiology and infectious diseases, Cambridge Scholar Publishing (<https://www.cambridgescholars.com/t/ImmunologyAdvisory>)

Editorial board member of the Journal of Clinical Care and Skills (<http://jccs.yums.ac.ir/page/13/Editorial-Board>)

Guest Associate Editor of Frontiers Public Health Journals within the section Infectious Diseases – Surveillance, Prevention and Treatment Public Health

Graduated in Publons Academy Practical Peer Review courses

### **Technology**

CEO in Faragaman Dadeh-Negar Tech Company in Incubator Center of Technical Units, YUMS

### **Contact details**

Dr. Mohammad Amin Ghatee

Email: [ghatee1980@gmail.com](mailto:ghatee1980@gmail.com); [ghatee.mohamadamin@yums.ac.ir](mailto:ghatee.mohamadamin@yums.ac.ir)

Tel: +98 74 33230290 Postal Address: Yasuj University of Medical Sciences,

Shahid Jalil avenue,

Yasuj City, Iran