

## Gilda Eslami

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### Google Scholar link:

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### Scopus link:

<https://www.scopus.com/authid/detail.uri?authorId=35271875900>

**Academic Rank:**  Lecturer  
 Assistant Professor  
 Associate Professor  
 Professor

## EDUCATION

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2003 - 2008      **Isfahan University of Medical Sciences, Isfahan, Iran**  
Ph.D. in Medical Parasitology

2001 - 2003      **Tarbiat Modares University, Tehran, Iran**  
MS in Medical Parasitology

1998 - 2001      **Isfahan University of Medical Sciences, Isfahan, Iran**  
Degree in Field of study

## WORK EXPERIENCE

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2008 – till Feb. 2018      **Assistant Professor**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran

Feb. 2018 – till now      **Associate Professor**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran

- Aug. 2021 till now **Head of Research Center for Food Hygiene and Safety**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran
- Jan. 2019 till now **Head of Department of Parasitology and Mycology, School of Medicine**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran
- Jan. 2015 till now **Editor in Chief of the Journal of Food Quality and Hazards Control**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran
- Jan. 2015 till now **Vice-Chancellor of Research Center for Food Hygiene and Safety**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran
- 2014 till now **Head of Laboratory of the Research Center for Food Hygiene and Safety**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran
- 2010-2011 **Vice Chancellor of the ParaMedicine School**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran
- 2010-2011 **Head of Budget Committee in Vice Chancellor of University**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran

## TEACHING EXPERIENCE

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- 2008 – till now **Molecular techniques-Molecular Parasitology-Medical Parasitology**  
Shahid Sadoughi University of Medical Sciences, Yazd, Iran



## PUBLICATIONS

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### Books/Book Chapter:

1. Gilda Eslami, Rasoul Salehi, Seyed Hossein Hejazi. Tryparedoxin Peroxidase from *Leishmania major*: Characterization of LmTRYP6 gene, Germany, Lambert, 2012.

### Journal articles:

1. Kiani M., Astani A., Eslami G., ...Rezaei Khozani, N., Zandi H. Upstream region of OprD mutations in imipenem-resistant and imipenem-sensitive *Pseudomonas* isolates. *AMB Express*. 2021, 11(1): 82.
2. Somayeh Ahmadi, Gilda Eslami, Mahmoud Vakili, Kazem Barzegar, Ali Fattahi Bafghi. Cutaneous Leishmaniasis in Suspected Patients Referred to the Healthy Centrals of the areas around of Yazd Province, Iran. *International Journal of Medical Laborator*. 2021.
3. Ali Fattahi Bafghi, Samad Sadeghi Bakhi, Gilda Eslami, Mahmoud Vakili. Seroprevalence of *Toxoplasma Gondii* Infection among Young Couples in the Verge of Marriage. *Toolebehdasht Journal* 19 (5), 33-43.
4. Gilda Eslami, Samira Hatefi, Vahid Ramezani, Masoud Tohidfar, et al. Molecular characteristic of treatment failure clinical isolates of *Leishmania major*. 2021, *PeerJ* 9, e10969.
5. Hajimohammadi, B., Eslami, G., Zandi, H., ...Ahmadi, A., Askari V. Safety assessment of genetically modified rice expressing Cry1Ab protein in Sprague–Dawley rats. *Scientific Reports*. 2021, 11 (1), 1126
6. Bahreh, M., Hajimohammadi, B., Eslami G. *Toxoplasma gondii* in Sheep and Goats from Central Iran. *BMC Research Notes*. 2021, 14 (1), 46
7. Ali Fattahi Bafghi, Samad Sadeghi Bakhi, Gilda Eslami, Mahmoud Vakili. Seroprevalence of *Toxoplasma Gondii* Infection among Young Couples in the Verge of Marriage. *Toolebehdasht Journal*.2021; 19(5):33-43.[Persian]
8. Nabavinia M, Khalili MB, sadeh M, Eslami G, Vakili M, Azartoos N, Mojibiyani M. Distribution of *Pilus island* and antibiotic resistance genes in *Streptococcus agalactiae* obtained from vagina of pregnant women in Yazd, Iran. *Iran J Microbiol*. 2020, 12(5):411-416.
9. Tatarinova, T.V., Tabikhanova, L.E., Eslami, G., Bai, H., Orlov, Y.L. Genetics research at the Centenary of human population genetics conference and SBB-2019. *BMC Genetics*, 2020, 21, 109.
10. Gilda Eslami, Ali Fattahi Bafghi, Mohammad Hassan Lotfi, Farzaneh Mirzaei, Somayeh Ahmadi, Ali Akbar Tajfirouzeh, Hamid Jafarizadeh, Sayyed Alireza Pormazar, Mahmoud Vakili. Isolation and Molecular Identification of *Leishmania* spp. Agents in Patients with Cutaneous *Leishmaniasis* in Yazd Prov-ince, Endemic Region of Central Iran. *Iranian Journal of Public Health*. 2020, 49 (5): 975-980.
11. AK Mohsen Abtahi, Gilda Eslami, Serena Cavallero, Mahmoud Vakili, et al. Relationship of *Leishmania* RNA Virus (LRV) and treatment failure in clinical isolates of *Leishmania major*. *BMC Research Notes*. 2020, 13 (126), <https://doi.org/10.1186/s13104-020-04973>.
12. K Tafti, F.A., Eslami, G., Zandi, H., Barzegar. Mutations in *Nalc* gene of Mex AB-OprM efflux pump in carbapenem resistant *Pseudomonas aeruginosa* isolated from burn wounds in Yazd, Iran. *Iranian Journal of Microbiology*. 2020, 12 (1), 32-36.

13. S Ahmadian, G Eslami, A Fatahi, SS Hosseini, M Vakili, VA Fahadan, et al. *J-binding protein 1* and *J-binding protein 2* expression in clinical *Leishmania major* no response-antimonial isolates. *Journal of parasitic diseases* 43 (1), 39-45.
14. Y Alijani, SS Hosseini, S Ahmadian, S Boughattas, G Eslami, S Naderian, et al. Molecular analysis of Aquaglyceroporin 1 Gene in non-healing clinical isolates obtained from patients with cutaneous leishmaniasis from Central of Iran. *Journal of Arthropod-Borne Diseases* 13 (2), 145.
15. G Eslami, M Ghavami, AR Moradi, H Nadri, S Ahmadian. Molecular characterization of aquaglyceroporine: a novel mutation in LmAQP1 from *Leishmania Major* (MRHO/IR/75/ER). *Iranian journal of parasitology*. 2019, 14 (3), 465.
16. M. Shirdeli, Y.L. Orlov, G. Eslami, B. Hajimohammadi, L.E. Tabikhanova, M.H. Ehrampoush, M.E. Rezvani, H. Fallahzadeh, H. Zandi, S. Hosseini, S. Ahmadian, S. Mortazavi, R. Fallahi, S. Asadi-Yousefabad. Testing safety of genetically modified products of rice: case study on Sprague Dawley rats. *Genetika*, 2019, in press
17. Asieh Nourollahi, Samaneh Sedighi-Khavidak, Mehdi Mokhtari, Gilda Eslami, Mahbubeh Shiranian (2018): Isolation and identification of low-density polyethylene (LDPE) biodegrading bacteria from waste landfill in Yazd. *International Journal of Environmental Studies*. 2018. DOI: 10.1080/00207233.2018.1551986.
18. Yuriy L. Orlov, Elena A. Salina, Gilda Eslami, Alex V. Kochetov1. Plant biology research at BGRS-2018. *BMC Plant Biology* 2019, 19(Suppl 1):56.
19. Eslami H, Shariatifar A, Rafiee E, Shiranian M, Salehi F, Hosseini SS, Eslami G, Ghanbari R, Ebrahimi AA. Decolorization and biodegradation of reactive Red 198 Azo dye by a new *Enterococcus faecalis*-*Klebsiella variicola* bacterial consortium isolated from textile wastewater sludge. *World J Microbiol Biotechnol*. 2019 Feb 9;35(3):38.
20. F Mirzaei, YA Fattahi Bafghi, J Namrodi, G Eslami, O Niazjorjani. Isolation and molecular identification of *Leishmania* spp in patients with Cutaneous Leishmaniasis from Golestan province, Iran. *International Journal of Epidemiologic Research*. 2019.
21. Zarei-Yazdeli M, Eslami G, Zandi H, Kiani M, Barzegar K, Alipanah H, Mousavi SM, Shukohifar M. Prevalence of class 1, 2 and 3 integrons among multidrug-resistant *Pseudomonas aeruginosa* in Yazd, Iran. *Iran J Microbiol*. 2018 Oct;10(5):300-306.
22. Aghai-Maybodi M, Eslami G, Tohidfar M, Fattahi-Bafghi A, Hosseini SS, Ahmadian S, Elloumi M. Molecular characterization of clinical *Leishmania major* harboring ITS1 homology similar to the one in *Crithidia* spp. *Journal of Isfahan Medical School*. 2018;36 (500): 1261-1266 [Persian].
23. A Astani, F Akhavan Tafti, A Emami, M Izadi, G Eslami, M Vakili. Survey of Prevalence of Hepatitis G in Blood Donors Admitted to Yazd Blood Transfusion Center (2012). *SSU\_Journals* 25 (4), 271-278.
24. Ahmadian Salman, Eslami Gilda, Fatahi Ali, Saeede Sadat Hosseini, Vakili Mahmoud, Ajamein Fahadan Vahid, Elloumi Mourad. *J-binding protein 1* and *J-binding protein 2* expression in clinical *Leishmania major* no response-antimonial isolates. *J Parasit Dis* (2018). <https://doi.org/10.1007/s12639-018-1052-5>.
25. Ajamein, V., Eslami, G., Ahmadian, S., Khamesipour, A., Elloumi, M. Gene expression of RNAP II, JBP1 and JBP2 in *Leishmania major* exposed to antimonials, amphotericin B and paromomycin. *Annals of parasitology*. 2018, 64(3): 181-187.
26. Vatandoust N, Rami F, Salehi AR, Khosravi S, Dashti G, Eslami G, Momenzadeh S, Salehi R. Novel High-Fat Diet Formulation and Streptozotocin Treatment for Induction of Prediabetes and Type 2 Diabetes in Rats. *Adv Biomed Res*. 2018 Jul 2;7:107. doi: 10.4103/abr.abr\_8\_17. eCollection 2018.

27. S Nosrati, HM Zamani Zadeh, B Morid, G Eslami. The use of SCAR markers to identify *Fusarium oxysporum* f. sp. *radicis-cucumerinum*. Genetic Novine. 2017. 12 (3): 477-482.[Persian].
28. Mokhtari H, Eslami G, Zandi H, Dehghan-Banadkouki A, Vakili M. Evaluating the Frequency of *aac(6')-IIa*, *ant(2'')-I*, *intl1*, and *intl2* Genes in Aminoglycosides Resistant *Klebsiella pneumoniae* Isolates Obtained from Hospitalized Patients in Yazd, Iran. Avicenna J Med Biotechnol. 2018 Apr-Jun;10(2):115-119.
29. Eshratkhah Mohammadnejad, A, Eslami, G, Shamsi, F., Pirnejad, A., Samie, A., Safabakhsh, J., Sakhavand, A., Elloumi, M. Prevalence of food-borne Toxoplasma in pregnant women population of Urmia, Iran. Journal of Food Quality and Hazards Control Volume 5, Issue 1, 1 March 2018, 17-23.
30. Bahador Hajimohammadi, Gilda Eslami, Sepideh Khalatbari-limaki, Mohammad Hasan Ehrampoush, Ahmad Oryan, Hengameh Zandi, Hamid Reza Dehghan. The role of *Linguatula serrata* nymph in transmission of enteric bacterial pathogens to internal organs in sheep. J Parasit Dis. DOI 10.1007/s12639-017-0884-8.
31. Gilda Eslami, Sepideh Khalatbari-limaki, Ahmad Oryan, Amin Zohortabar, Asieh Amiri, Bahador Hajimohammadi. A survey on prevalence and molecular characteristics of *Linguatula serrata* isolated from slaughtered sheep and goat in Yazd slaughterhouse. Journal of Veterinary Research. 2018, 72 (4): 403-410.
32. Zarifi E, Eslami G, Khaled A, Vakili M, Vazini H, Zandi H. Prevalence of ESBLs in *Acinetobacter baumannii* isolated from intensive care unit (ICU) of Ghaem hospital, Mashhad, Iran. Journal of Pure and Applied Microbiology. 2017, 11(2): 811-819.
33. Eslami, G., Khalatbari-Limaki, S., Ehrampoush, M.H., Gholamrezaei M, Hajimohammadi, B., Oryan A. Comparison of three different DNA extraction methods for *Linguatula serrata* as a food born pathogen. Iranian Journal of Parasitology. 2017, 12(2), pp. 236-242.
34. Eslami G, Salehi R, Salehi M. Peroxiredons: Tryparedoxin Peroxidase from *Leishmania major*. Current Regenerative Medicine. 2016, 6.
35. Asadi-Saghandi A, Shams A, Eslami G, Mirghanizadeh SA, Eskandari-Nasab E. Peginterferon Alfa-2a/Ribavirin treatment efficacy in chronic hepatitis C patients is related to natural killer group 2D gene rs1049174 GC polymorphism. Virusdisease. 2016 Dec;27(4):369-374.
36. Eslami G, Zarchi MV, Moradi A, Hejazi SH, Sohrevardi SM, Vakili M, Khamesipour A. *Aquaglyceroporin1* gene expression in antimony resistance and susceptible *Leishmania major* isolates. J Vector Borne Dis. 2016 Oct-Dec;53(4):370-374.
37. Eslami, G., Manafi, L., Peletto, S. DNA extraction from beef harboring *Sarcocystis* spp.: Comparison of three different analytical methods. Journal of Food Quality and Hazards Control, 2016, 3(4), pp. 128-133.
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39. Alishahi H, Eslami G, Zandi H, Vakili M. Frequency of QnrA and QnrB Ciprofloxacin-resistant Genes in *Escherichia Coli* Strains Isolated from Urinary Tract Infections in Estahban-Hospitals in Fars Province. JSSU. 2015; 23 (8) :736-746
40. Najmeh Jomehpour, Gilda Eslami, Mohammad Bagher Khalili. The Effect of *Ferula assa-foetida* L and *Carum copticum* Hydroalcoholic Extract on the Expression Levels of

- Staphylococcus aureus* Genes Involved in Quorum Sensing. Jundishapur J Microbiol. 2016 October; 9(10):e33879.
41. MH Bargostavan, G Eslami, N Esfandiari, Ali Shams Shahemabadi. MMP9 Promoter Polymorphism (-1562 C/T) Does not Affect the Serum Levels of Soluble MICB and MICA in Breast Cancer. Iranian Journal of Immunology, 2016, 13 (1): 45-53.
  42. Hosseini, S.S., Eslami, G., Zandi, H., Vakili, M. Frequency of *oqxA* and *oqxB* plasmid-mediated quinolone resistance genes in *Escherichia coli* isolated from urine of inpatients with urinary tract infections in Yazd City, Iran. Journal of Isfahan Medical School, 2016,34(402), pp. 1211-1217.
  43. Nasimeh Vatandoost, Ahmad Reza Salehi, Mohammad Kazemi, Sharifeh Khosravi, Gilda Eslami, Sara Kamali, Rasoul Salehi. Genetic polymorphism of 8 Y-STR loci in native population of Isfahan province in central part of Iran. Annals of Human Biology, 2016. DOI: 10.1080/03014460.2016.1200671.
  44. Ali Moradi, Mohammad Bahrami, Gilda Eslami, Javad Mohiti-Ardekani. The Effect of Curcumin on GLUT4 Gene Expression as a Diabetic Resistance Marker in C2C12 Myoblast Cells. Iranian Journal of Diabetes and Obesity. 2015; 2(6) 98–105.
  45. Rahnema R, Mansouri R, Valizadeh H, Rahimdel A, Eslami G. Investigating Prevalence of FOXP3 Gene Polymorphism in Multiple Sclerosis. JSSU. 2015; 22 (6) :1604-1611
  46. Zarei-Yazdeli M, Eslami G, Zandi H, Mousavi S M, Kosha H, Akhavan F et al . Relationship between antimicrobial resistance and class I integron in *Pseudomonas aeruginosa* isolated from clinical specimens in Yazd during 2012-2013. Feyz. 2014; 18 (1) :60-67
  47. Mahdi Dehghan-Manshadi, Hossein Hadinedoushan, Mohammad Kazem Amirbaigy, Fateme Zare, Gilda Eslami, Seyyed Ali Mirghanizade-Bafghi, Mohsen Akhondi-Meybodi. Relative Expression of Toll-Like Receptors 2 and 7 mRNA in Peripheral Blood of Patients with Hepatitis C. Hepat Mon. 2015 November; 15(11): e30427
  48. Nematollahi Z, Hadinedoushan H, Aflatoonian A, Eslami G, Ghasemi N. The association between single nucleotide polymorphism in interleukin-27 gene and recurrent pregnancy loss in Iranian women. Iran J Reprod Med. 2015 Apr;13(4):209-14.
  49. Monir Doudi, Marziyeh Karami, Gilda Eslami, Mahbubeh Setorki. A Study of Genetic Polymorphism of Crithidia in Isfahan, Iran. Zahedan J Res Med Sci. 2015 May; 17(5):971.
  50. Gilda Eslami, Bahador Hajimohammadi, Mahsa Moghadam Ahmadi, Ali Dehghani, Hengameh Zandi, Fatemeh Hoseinpour Ganjaroudi, Sepideh Khalatbari. Molecular Assay for Fraud Identification of Handmade Hamburgers. International Journal of enteric pathogen. 2014, 2 (4): e21152.
  51. Bahador Hajimohammadi, Mahsa Moghadam Ahmadi, Gilda Eslami, Ahamd Oryan, Ali Dehghani, Amin Zohourtabar. Molecular Method Development to Identify Foodborne *Sarcocystis hominis* in Raw Beef Commercial Hamburger. International Journal of enteric pathogen. 2014, 2 (4): e21139.
  52. Moghadam FH, Tayebi T, Dehghan M, Eslami G, Nadri H, Moradi A, Vahedian-Ardakani H, Barzegar K. Differentiation of bone marrow mesenchymal stem cells into chondrocytes after short term culture in alkaline medium. Int J Hematol Oncol Stem Cell Res. 2014 Oct 1; 8(4):12-9.
  53. B. Hajimohammadi, G. Eslami, A. Zohourtabar , A. Dehghani , A. Oryan , H. Pourmirzaei Tafti, F. Radouani. High Occurrence of *Sarcocystis* Cysts in Meat Produced in Yazd, Central Iran. Journal of Food Quality and Hazards Control 1 (2014) 95-101.

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55. B. Hajimohammadi, A. Dehghani, M. Moghadam Ahmadi, G. Eslami, A Oryan, A. Khamesipour. Prevalence and species identification of *Sarcocystis* in raw hamburgers distributed in Yazd, Iran using PCR-RFLP. *Journal of Food Quality and Hazards Control* 1 (2014) 15-20.
56. Omid Savabi, Mohammad Kazemi, Sara Kamali, Ahmad Reza Salehi, Gilda Eslami, Arezoo Tahmourespour, Rasoul Salehi. Effects of biosurfactant produced by *Lactobacillus casei* on *gtfB*, *gtfC*, and *ftf* gene expression level in *S. mutans* by real-time RT-PCR. *Advanced Biomedical Research*. 2014, 3: 231-235.
57. Gilda Eslami, Bahador Hajimohammadi, Abbas Ali Jafari, Farzaneh Mirzaei, Mostafa Gholamrezai, Hossein Anvari, Ali Khamesipour. Molecular identification of *Leishmania tropica* infections in patients with cutaneous leishmaniasis from an endemic central of Iran. *Tropical Biomedicine*. 2014, 31(4): 592–599.
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60. Salehi R, Savabi O, Kazemi M, Kamali S, Salehi AR, Eslami G, Tahmourespour A. Effects of *Lactobacillus reuteri*-derived biosurfactant on the gene expression profile of essential adhesion genes (*gtfB*, *gtfC* and *ftf*) of *Streptococcus mutans*. *Adv Biomed Res*. 2014 Aug 19; 3: 169. doi: 10.4103/2277-9175.139134. eCollection 2014.
61. Hadinedoushan H, Abbasirad N, Aflatoonian A, Eslami G. The serum level of transforming growth factor beta1 and its association with *Foxp3* gene polymorphism in Iranian women with recurrent spontaneous abortion. *Hum Fertil (Camb)*. 2014 Jul 14:1-6.
62. Gilda Eslami, Bahador Hajimohammadi, Mostafa Gholamrezaei, Sepideh Khalatbary, Amin Zohortabar, Mahmoud Ardian Practical Approach for DNA Extraction of Food Born *Linguatula Serrata* Nymphs: An Analytical Method. *GMJ*. 2014 3(2):115-9.
63. Tahereh Navidifar, Gilda Eslami, Mohsen Akhondi, Mahmood Baghbanian, Hossein Fallah Zadeh, Hengameh Zandi. Antibacterial Resistance Patterns of *Helicobacter pylori* Clinical Isolates From Gastric Biopsy of Patients in Yazd. *Int J Enteric Pathog*. 2014 May; 2(2): e17791.
64. Gilda Eslami, Rasoul Salehi. Development of a chamber system for rapid, high yield and cost-effective purification of deoxyribonucleic acid fragments from agarose gel. *Advanced Biomedical Research*. 2014; 3:78.
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66. Farzaneh Mirzaie, Gilda Eslami, Mohammad Hossein Yosefi, Nader Pestehchian, Narjes Abbasirad. Molecular identification of *Leishmania* isolates obtained from patients suspected as having cutaneous leishmaniasis referred to reference laboratories from Yazd province in central Iran. *ABR*. 2013, 2(4): 92-97.



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  88. Gilda Eslami, Rasoul Salehi, Hossein Hejazi, Ali Khamesipour, Bahram Kazemi. Cloning and Expression of TRYP6 Gene from *Leishmania major* (MRHO/IR/75/ER). *Iranian J Arthropod-Borne Dis.* 2(1), 2008, pp. 7-15.
  89. Seyed Hossein Hejazi, Noosh zia-Jahromi, Mojgan Bandehpour, Gilda Eslami, Rasoul Salehi, Ali khamesipour, Bahram Kazemi. Cloning of Iranian *Leishmania major* mannose-1-phosphate guanyltransferase gene. *Iranian Journal of Parasitology.* 8 (23), 2009, pp. 6495-6498.
  90. Seyed Hossein Hejazi, Kobra Mokhtarian, Gilda Eslami, Rasoul Salehi, Ali Nilforoushzadeh, Leila Shirani, Sedigh Saberi. Identification of isolated *Leishmania* using PCR from patients with cutaneous leishmaniasis from Isfahan Mohammad Abad. *Iranian Journal of Dermatology.* 10 (41), 2007, pp. 229-235. (Persian language)
  91. Seyed Hossein Hejazi, Gilda Eslami, AbdolHossin Dalimi Asl. The parasiticidal effect of electricity on *Leishmania major*, both in vitro and in vivo. *Annals of Tropical Medicine and Parasitology.* 98(1), 2004, pp. 37-42.

#### Editorials/Case Reports:

1. Hajimohammadi B, Eslami G, Oryan A, Zohourtabar A, Pourmirzaei Tafti H, Moghaddam Ahmadi M. Molecular identification of *Sarcocystis hominis* in native cattle of central Iran: A case report. *Tropical Biomedicine.* 2014, 31(1): 183–186.

2. G. Eslami, A. Zohourtabar, S.R. Mehrizi. First molecular identification of *Sarcocystis hirsuta* in Iranian beef: A case report. *Journal of Food Quality and Hazards Control* 1 (2014) 32-34.

## RESEARCH INTERESTS

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Molecular detection and identification

Leishmaniasis

Sarcocystis

Toxoplasmosis

Hydatid cyst

## SKILLS AND QUALIFICATIONS

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**Language:** English      **Name of language:** Intermediate

**Computer:**

1. Word
2. ppt
3. Excell
4. BLAST
5. ClustalW2
6. McCoffee
7. Oligoanalyzer
8. Primer blast
9. Primer3
10. MEGA

**Research:**

1. Browsing in scientific databases
2. Writing paper
3. Editing the paper text
4. BLAST
5. ClustalW2
6. McCoffee
7. Oligoanalyzer
8. Primer blast
9. Primer3

**Technical skills:**

1. DNA extraction
2. RNA extraction
3. Agarose gel electrophoresis
4. PAGE

5. cDNA synthesis
6. Cloning
7. Culturing of Leishmania
8. Conventional PCR
9. Real Time PCR
10. PCR-RFLP
11. RT-PCR
12. Nested-PCR
13. ARMS PCR
14. Primer designing
15. Bioinformatics
16. Sequence analysis
17. Single cell PCR
18. Western blot
19. Fluorescent PCR

## CONFERENCES ATTENDED

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Date	Title of seminar/conference (title of your paper), (oral/poster presentation), City, Country
2003	8 <sup>th</sup> congress of leishmaniasis and skin diseases Effect of direct electricity on viability of <i>Leishmania major in vitro</i> , oral, Isfahan, Iran
1992	First student conference of detection of current infectious diseases in Chaharmahal va Bakhtiyari Comparison of the prevalence of parasitic diseases between 1989 and 1992, Shahr-e-Kord, Iran
2001	6 <sup>th</sup> congress of leishmaniasis and skin diseases Effect of Gentamycin and Paramomycin on viability of <i>Leishmania major in vitro</i> , Isfahan, Iran
2001	Second International congress of leishmaniasis and skin diseases
2000	Effect of Azestrol on viability on <i>Leishmania major in vitro</i> , Isfahan. Iran Third congress of parasitology Effect of direct electricity against cutaneous leishmaniasis <i>in vivo</i> , Sari, Iran
2003	8 <sup>th</sup> congress of dermatology and leishmaniasis
2009	Electrotherapy in cutaneous leishmaniasis, Isfahan, Iran Worldleish 9 Lucknow, India
2010	International congress of dermatology

<b>2011</b>	Kutakinabalou, Malasia International congress of molecular biology in insect Amsterdam, Netherland
<b>2012</b>	8 <sup>th</sup> International congress of parasitology (NICOPA) Kerman, Iran
<b>2013</b>	International congress of infectious diseases Tehran, Iran
<b>2013</b>	7 <sup>th</sup> congress of microbiology Shiraz, Iran
<b>2013</b>	Congress of genetics and molecular biology Kushadasi, Turkey
<b>2014</b>	Fisrt conference of microscopic studies Shiraz, Iran
<b>2015</b>	International congress of microbiology Shiraz,Iran
<b>2018</b>	11th International Multiconference “Bioinformatics of Genome Regulation and Structure\Systems Biology” — BGRS\SB-2018- Novosibirsk, Russia

## PROFESSIONAL MEMBERSHIP

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Start and End Date	Type of membership, Association/Organization, City/Country
1998 till now	Membership of Iranian parasitogist, Iran
2008 till now	Membership in SMBI
2012 till now	Membership in IACSIT
2013 till now	Membership in leishmaniasis net
2014 till 2015	Editorial Board of the Journal of Food Quality and Hazards Control
2015 till now	Editor in Chief of the Journal of Food Quality and Hazards Control
2013 till now	Editorial Board of the International Journal of Medical Laboratory
2011 till now	Membership of the Vice Chancellor of the University of Medical Sciences

**HONORS AND AWARDS**

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Date	Title of Award, Issuing organization/institute, Awarded for ...
Date	Organization/institute, type of Scholarship or Grant, valued at ...
2014	Premier researcher in School of Medicine, Shahid Sadoughi University of Medical Sciences
2011	Premier researcher in Faculty of Para-Medicine, Shahid Sadoughi University of Medical Sciences
1998	Premier student in Bachelor of Science
2000	Premier student in Master of Science
2002	Premier student in PhD
2014	Appreciation for 6 <sup>th</sup> olympiad
2015	Appreciation for 7 <sup>th</sup> olympiad
2016	Appreciation for 8 <sup>th</sup> olympiad
2017	Appreciation for 9 <sup>th</sup> olympiad
2018	Appreciation for 10 <sup>th</sup> olympiad

**PATENTS**

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Date	Patent No, "Title"
2018	MF072938, Acinetobacter baumannii strain Yazd-66 class A beta-lactamase GES (blaGES) gene, partial cds
2018	MF072939, Acinetobacter baumannii strain Yazd-64 class A extended-spectrum beta-lactamase PER (blaPER) gene, partial cds
2018	MF072941, Acinetobacter baumannii strain Yazd-34 class A beta-lactamase SHV

	(blaSHV) gene, partial cds
2018	MF072940, Acinetobacter baumannii strain Yazd-54 class A broad-spectrum beta-lactamase TEM (blaTEM) gene, partial cds
2018	MF474177, Bacillus cereus strain Yazd-3 proton-channel complex MotB gene, partial cds
2017	MF449423, Escherichia coli strain Yazd-9 16S ribosomal RNA gene, partial sequence
2017	MF449426, Escherichia coli strain Yazd-6 16S ribosomal RNA gene, partial sequence
2017	MF871628, Klebsiella pneumoniae strain 69 aminoglycoside 6'-N-acetyltransferase Ib gene, partial cds
2017	MF445147, Escherichia coli strain Yazd-3 16S ribosomal RNA gene, partial sequence
2017	MF445150, Pseudomonas aeruginosa strain Yazd-3 16S ribosomal RNA gene, partial sequence
2017	MF871629, Klebsiella pneumoniae strain 113 aminoglycoside-2"-adenylyltransferase gene, partial cds
2017	MF871630, Klebsiella pneumoniae strain 6 beta-ketoacyl-acyl-carrier-protein synthase II gene, partial cds
2017	KY439048, Definition Acinetobacter baumannii strain Yazd-19 aminoglycoside nucleotidyltransferase ANT(2")-Ia (ant(2")-Ia) pseudogene
2017	KY439047, Definition Klebsiella pneumoniae strain Yazd-13 class C beta-lactamase DHA-23 (blaDHA) gene
2017	KY439046, Definition Klebsiella pneumoniae strain Yazd-12 class C beta-lactamase DHA-23(blaDHA) gene
2017	KY439045, Definition Klebsiella pneumoniae strain Yazd-16 class C beta-lactamase CMY-2 (blaCMY) gene, partial cds
2017	KY439044, Definition Klebsiella pneumoniae strain Yazd-15 class C beta-lactamase CMY-2 (blaCMY) gene, partial cds
2017	KY439042, Definition2 Acinetobacter baumannii strain Yazd-32 beta-lactamase OXA-23 (blaOXA23) gene, partial cds
2017	KY439041, Definition Acinetobacter baumannii strain Yazd-27 Aminoglycoside-2"-adenylyltransferase (aadB) gene, partial cds
2017	KY439043, Definition Acinetobacter baumannii strain Yazd-62 beta-lactamase OXA-23 (blaOXA23) gene
2016	KU240552, Sarcocystis cruzi isolate 15 18S ribosomal RNA gene, partial sequence
2016	KU240551, Sarcocystis sinensis isolate 14 18S ribosomal RNA gene, partial sequence
2016	KU240553, Sarcocystis cruzi isolate 16 18S ribosomal RNA gene, partial sequence
2016	KU240555, Sarcocystis cruzi isolate 18 18S ribosomal RNA gene, partial sequence
2016	KU240559, Sarcocystis cruzi isolate 22 18S ribosomal RNA gene, partial sequence
2016	KU240561, Sarcocystis cruzi isolate 4 18S ribosomal RNA gene, partial sequence
2016	KU240562, Sarcocystis cruzi isolate 6 18S ribosomal RNA gene, partial sequence
2016	KU240563, Sarcocystis cruzi isolate 7 18S ribosomal RNA gene, partial sequence
2016	KX687901, Definition Streptococcus agalactiae strain Yazd3 transposase gene
2016	KX687900, Definition Streptococcus agalactiae strain Yazd2 transposase gene
2016	KU240558, Sarcocystis cruzi isolate 21 18S ribosomal RNA gene, partial sequence
2016	KX687895, Definition Streptococcus agalactiae strain Yazd3 ermB (ermB) gene
2016	KX687899, Definition Streptococcus agalactiae strain Yazd1 transposase gene
2016	KU240564, Sarcocystis cruzi isolate 8 18S ribosomal RNA gene, partial sequence
2016	KX687894, Definition Streptococcus agalactiae strain Yazd2 ermB (ermB) gene
2016	KU240560, Sarcocystis cruzi isolate 2 18S ribosomal RNA gene, partial sequence
2016	KX687893, Definition Streptococcus agalactiae strain Yazd1 ermB (ermB) gene
2016	KU240554, Sarcocystis cruzi isolate 17 18S ribosomal RNA gene, partial sequence
2016	KY439040, Definition Acinetobacter baumannii strain Yazd-587 dihydrofolate reductase class D beta-lactamase (blaOXA40) gene
2016	KY439039, Acinetobacter baumannii strain 40 dihydrofolate reductase class D beta-lactamase (blaOXA40) gene, partial cds
2016	KX687902, Definition Streptococcus agalactiae strain Yazd1 macrolide efflux MFS transporter Mef(A) (mef(A)) gene
2016	KX687898, Definition Streptococcus agalactiae strain Yazd3 tetracycline resistance ribosomal protection protein Tet(M) (tet(M)) gene
2016	KX687896, Definition Streptococcus agalactiae strain Yazd1 tetracycline

- 2016 resistanceribosomal protection protein Tet(M) (tet(M)) gene  
KX687897, Definition Streptococcus agalactiae strain Yazd2 tetracycline resistance  
ribosomal protection protein Tet(M) (tet(M)) gene
- 2016 KX687881, Definition Escherichia coli strain 1 aminoglycoside N (6')-acetyltransferase  
(aac(6')-Ib-cr) gene
- 2016 KX687892, Definition Streptococcus agalactiae strain Yazd3 erythromycin  
resistancemethylase (erm) gene
- 2016 KX687891, Definition Streptococcus agalactiae strain Yazd2 erythromycin resistance  
methylase (erm) gene
- 2016 KX687890, Definition Streptococcus agalactiae strain Yazd1 erythromycin resistance  
methylase (erm) gene
- 2016 KX687889, Definition Escherichia coli strain Yazd2 quinolone resistance protein (qnrS)  
gene
- 2016 KX687888, Definition Escherichia coli strain Yazd1 quinolone resistance pentapeptide  
repeat protein QnrS (qnrS) gene
- 2016 KX687885, Definition Escherichia coli strain Yazd1 multidrug efflux RND transporter  
ermease subunit OqxB (oqxB) gene
- 2016 KX687887, Definition Escherichia coli strain Yazd1 quinolone resistance pentapeptide  
repeat protein QnrB (qnrB) gene
- 2016 KX687886, Definition Escherichia coli strain Yazd2 rND family multidrug efflux  
permease protein OqxB (oqxB) gene
- 2016 KX687884, Definition Escherichia coli strain Yazd12 multidrug efflux RND transporter  
periplasmic adaptor subunit OqxA (oqxA) gene
- 2016 KX687883, Definition Escherichia coli strain Yazd1 multidrug efflux RND transporter  
periplasmic adaptor subunit OqxA (oqxA) gene
- 2016 KU514052, Leishmania major isolate MRHO/IR/75/ER aquaglyceroporin (AQP1) gene,  
complete cds
- 2016 KU240557, Sarcocystis cruzi isolate 20 18S ribosomal RNA gene, partial sequence
- 2016 KT624617, Pseudomonas aeruginosa strain 9SS NalC (nalC) and PA3722-like protein  
genes, partial cds
- 2016 KU240550, Sarcocystis cruzi isolate 12 18S ribosomal RNA gene, partial sequence
- 2016 KT624618, Pseudomonas aeruginosa strain 23ss NalC (nalC) and PA3722-like protein  
genes, partial cds
- 2015 KF933850, Sarcocystis cruzi isolate 102 18S ribosomal RNA gene, partial sequence
- 2015 KT315570, Klebsiella pneumoniae strain 65 quinolone resistance protein (qnrS) gene,  
partial cds
- 2015 KP774795, Pseudomonas aeruginosa strain 2ss transcriptional regulator (nalC) gene,  
partial cds
- 2015 KT315571, Klebsiella pneumoniae strain 15 quinolone resistance protein B (qnrB) gene,  
partial cds
- 2015 KT315572, Klebsiella pneumoniae strain 17 quinolone resistance protein B (qnrB) gene,  
partial cds
- 2015 KT315573, Klebsiella pneumoniae strain 106 quinolone resistance protein (qnrS) gene,  
partial cds
- 2015 KT315574, Klebsiella pneumoniae strain 15 cefotaximase (blaCTX-M) gene, partial cds
- 2015 KT315577, Klebsiella pneumoniae strain 160 beta lactamase (blaCTX-M) gene, partial  
cds
- 2015 KT315579, Klebsiella pneumoniae strain 160 beta-lactamase (blaSHV) gene, partial cds
- 2015 KT315575, Klebsiella pneumoniae strain 155 beta-lactamase (blaSHV) gene, partial cds
- 2015 KP746407, Fusarium oxysporum f. sp. radicis-cucumerinum isolate F73 forma specialis-  
specific marker genomic sequence
- 2015 KP746403, Fusarium oxysporum f. sp. radicis-cucumerinum isolate F11 forma specialis-  
specific marker genomic sequence
- 2015 KP746410, Uncultured Trichoderma isolate T8 internal transcribed spacer 1, partial  
sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete  
sequence; and 28S ribosomal RNA gene, partial sequence
- 2015 KP746406, Uncultured Trichoderma isolate T17 internal transcribed spacer 1, partial  
sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete



- 2015 sequence; and 28S ribosomal RNA gene, partial sequence  
KP746405, Uncultured Trichoderma isolate T10 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence
- 2015 KP746404, Uncultured Trichoderma isolate T5 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence
- 2015 KT315578, *Klebsiella pneumoniae* strain 160 beta-lactamase (TEM) gene, partial cds
- 2015 KT315576, *Klebsiella pneumoniae* strain 15 beta-lactamase (blaTEM) gene, partial cds
- 2014 KF925883, *Helicobacter pylori* strain TNHP11 23S ribosomal RNA gene, partial sequence
- 2014 KF925882, *Helicobacter pylori* strain TNHP10 23S ribosomal RNA gene, partial sequence
- 2014 KF933849, *Helicobacter pylori* strain TPNH1 16S ribosomal RNA gene, partial sequence
- 2014 KF925881, *Helicobacter pylori* strain TNHP1 23S ribosomal RNA gene, partial sequence
- 2014 KJ184347, *Escherichia coli* strain Ec88 integrase (int1) pseudogene, partial sequence
- 2014 KJ009333, *Linguatula serrata* isolate Yazd-6 18S ribosomal RNA gene, partial sequence
- 2014 EU251502.1, *Leishmania major* strain MRHO/IR/75/ER, trypanothione peroxidase (TRYP6) gene
- 2014 KJ184348, *Escherichia coli* strain Ec119 integrase (int2) pseudogene, partial sequence
- 2013 KC540907, *Leishmania tropica* isolate MHOH/IR/12/Yazd-530 internal transcribed spacer 1 and 5.8S ribosomal RNA gene, partial sequence
- 2013 KC540906, *Leishmania tropica* isolate MHOH/IR/12/Yazd-405 internal transcribed spacer 1 and 5.8S ribosomal RNA gene, partial sequence
- 2013 KC329848, *Streptococcus agalactiae* strain SA55 capsular polysaccharide synthesis protein (cpsH) gene, partial cds
- 2013 JX645480, *Homo sapiens* hemoglobin beta (HBB) gene, exon 1 and partial cds
- 2013 JX645479, *Homo sapiens* chromosome 11 hemoglobin beta (HBB) gene, exon 1 and partial cds
- 2013 JX827424, *Leishmania tropica* strain MHOM/IR/90/C107 internal transcribed spacer 1, partial sequence
- 2013 JX683019, *Crithidia fasciculata* strain MHOM/IR/90/H internal transcribed spacer 1 and 5.8S ribosomal RNA gene, partial sequence
- 2013 JX683018, *Crithidia fasciculata* strain MHOM/IR/90/M55 internal transcribed spacer 1, partial sequence
- 2013 JX683017, *Crithidia fasciculata* strain MHOM/IR/90/M42 internal transcribed spacer 1, partial sequence
- 2013 KF359000, *Pseudomonas aeruginosa* strain 79 aminoglycoside nucleotidyl-transferase (aadB) gene, partial cds
- 2013 KF358999, *Pseudomonas aeruginosa* strain 17 integrase II (int2) pseudogene, partial sequence
- 2013 KF146819, *Pseudomonas aeruginosa* isolate 49 integrase 1 (int1) gene, partial cds
- 2013 JX406872, *Homo sapiens* alpha-L-iduronidase (IDUA) gene, exons 3, 4 and partial cds
- 2013 JX440362, *Homo sapiens* hemoglobin beta (HBB) gene, intron 1 and partial cds

## REFERENCES

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**Email address:** [m\\_salehi@med.mui.ac.ir](mailto:m_salehi@med.mui.ac.ir)