

CURRICULUM VITAE

Personal Information

Last Name: Bozorgomid

First Name: Arezoo



Contacts:

Work address

Department of Medical parasitology and mycology, Medical of School, Kermanshah University of medical scienc (KUMS), Parastar BLVD, Kermanshah, Iran.

Email: Arezoobozogomid@yahoo.com

Language skills

Kurdish, Persian, English

Current position and employment history:

2023-now	Assistant Professor of Medical Parasitology, Department of Medical parasitology and mycology, Medical of School, Kermanshah University of medical science , Iran
2019-2023	Research Assistant Professor of Medical Parasitology, Infectious Diseases Research Center, Health Institute, Kermanshah University of medical science, Iran

Education:

Ph.D.: Medical Parasitology, Tehran University of Medical Sciences, Tehran, Iran. (2012-2017).

Thesis: Epidemiological characteristics of fascioliasis (human, reservoir, vector) in Kermanshah Province and genotyping of *Fasciola* spp (egg, larva and adult) using Multilocus Sequence typing (MLST)

MSc: Medical Parasitology, Urmia University of Medical Sciences, Urmia, Iran (2008-2012).

Thesis: Evaluation of the effect of opioid receptor antagonists, alum-naloxone and alum-naltrexone, as ajvant on efficacy of vaccination of BALB/c mice with heat inactivated *Leishmania major* (MRHO/IR/75/ER) promastigotes.

BSC: Veterinary Laboratory Sciences, Razi University, Kermanshah, Iran (2003-2007).

Diploma in Experimental Sciences: Besat Public Exemplary High School, Kermanshah, Iran

Language Skills

Degree; MCHE; SCORE; 57

Articles in scientific journals with peer-review:

Researcher ID: H-index: 10

Scopus: H-index: 10

Academic Google: G-index: 11

OrcidID: [0000-0003-2093-9317](https://orcid.org/0000-0003-2093-9317)

ResearcherID: S-9892-2017

Scopus Author ID: 55596288600

1. **Head Lice Infestation Among Primary School Children and Related Risk Factors in Urmia, the Main City of West Azarbayan, Iran.** Kh. Hazrati Tappeh, AR. Chavshin, H. Mohammadzadeh Hajipirloo, Sh, Khashaveh, A. Bozorg omid , H. Hanifian, M. Mohammadi, D. Jabbari Gharabag, H. Azizi. J Arthropod-Borne Dis, 2012, (6): 79–85.
2. **Human cystic echinococcosis in Urmia, Iran: a retrospective survey of hospital records from 2000 to 2009.** H Mohammadzadeh Hajipirloo, A Bozorgomid (corresponding author), T Alinia, KH Hazrati Tappeh, R Mahmodlou .Iranian J Parasitol: Vol. 8, No.2, Apr-Jun 2013, pp. 323-326).
3. **Evaluation of the adjuvant activity of propranolol, a beta-adrenergic receptor antagonist, on efficacy of a malaria vaccine model in BALB/c mice.** Shahram Shahabi, Habib Mohammadzadeh Hajipirloo, Seyed Ahmad Karamati, Khosrow HazratiTappeh, Arezoo Bozorgomid. Iran J Allergy Asthma Immunol October 2014; 13(5):307-316.
4. **Evaluation of Alum-Naltrexone Adjuvant Activity, on Efficacy of Anti-*Leishmania* Immunization with Autoclaved *Leishmania major* (MRHO/IR/75/ER) Antigens in BALB/C Mice.** Bozorgomid A, Mohammadzadeh Hajipirloo H, Shahabi S, Hazrati Tappeh K, Karamati S. Iranian J Parasitol: Vol. 9, No. 3, Jul -Sep 2014, pp.311-318.
5. **Prevalence of Trichomoniasis among women in Kermanshah, west of Iran.** Nazari N, Zangeneh M, Moradi F, Bozorgomid A. Iran Red Crescent Med J. 2015 Mar 31;17(3):e23617. doi: 10.5812/ircmj.23617.
6. **Evaluation of alum- naloxone adjuvant activity, against experimental murine leishmaniasis due to *Leishmania major*.** Arezoo Bozorgomid (corresponding author), Habib Mohammadzadeh Hajipirloo, Sharam Shahabi, Khosrow HazratiTappeh, Ahmad Karamati. J Parasit Dis. 2016 Dec; 40(4):1141-1145.
7. سروایپدمیولوژی و عوامل خطر توکسیپلاسموز در زنان باردار شهرستان ارومیه . خسرو حضرتی تپه ، سید جلیل موسوی، آرزو بزرگ امید، وحید علی نژاد، حمید علیزاده . ۱۳۹۴. مجله پزشکی ارومیه (۲۶). ۲۹۶-۳۰۲.
8. **Synthesis and Leishmanicidal Activity of 1-[5-(5-nitrofuran-2-yl)-1, 3, 4-thiadiazole-2-yl]-4-benzoylepiperazines.** Samira Shirooie, Alireza Foroumadi ,Hadi Adibi ,Sussan K. Ardestani, Asma Rashki, Arezoo Bozorgomid. Iranian Journal of Pharmaceutical Research. 2017. 16 (3): 904-909
9. **Molecular and morphometrical characterization of *Fasciola* species isolated from domestic ruminants in Ardabil Province, northwestern Iran.** Mojgan Aryaeipour, Arezoo Bozorgomid, Bahram Kazemi, Masoud Behnia, Hakim Azizi, Mohammad Bagher Rokni. Iran J Public Health, Vol. 46, No.3, Mar 2017, pp.318-325.
10. **Molecular Characterization of Animal *Fasciola* spp. Isolates from Kermanshah, Western Iran.** Bozorgomid A, Nazari N, Rahimi H, Beigom Kia E, Hajjaran H, Mohebali M, Aryaeipour M, Heidarian P, Ezati MS, Rokni MB. Iran J Public Health. 2016 Oct; 45(10):1315-1321.
11. **Seroprevalence of Human Fasciolosis in Lorestan Province, Western Iran, in 2015-16.** Peyman Heidarian, Keyhan Ashrafi, Mehdi Mohebali, Eshrat Beigom Kia, Mojgan Aryaeipour, Ali Chegeni Sharafi,

Hamid Mokhayeri, Arezoo Bozorgomid, Mohammad Bagher Rokni. Iranian Journal of Parasitology 12(3):389-397.

12. **Toxoplasma gondii and human immunodeficiency virus co-infection in western Iran: A cross sectional study.** Naser Nazari, Arezoo Bozorgomid, Alireza Janbakhsh, Farshid Bashiri. Asian Pacific Journal of Tropical Medicine 2017; 10(10): 58-62.
13. **Genetic Diversity and Phylogenetic Analysis of the Iranian *Leishmania* Parasites Based on HSP70 Gene PCR-RFLP and Sequence Analysis.** Sara Nemati, Asghar Fazaeli, Homa Hajjaran, Ali Khamesipour, Mohsen Falahati Anbaran, Arezoo Bozorgomid, Fatah Zarei. Korean J Parasitol. 2017.Vol. 55, No. 4: 1-8,
14. **Molecular Evidence of Human Fasciolosis due to *Fasciola gigantica* in Iran: A Case Report.** Rokni MB, Bozorgomid A, Heidarian P, Aryaeipour M. Iran J Public Health, 2018. 47(5).750-754.
15. **Determine antibiotic resistance model and identify methicillin- resistant *staphylococcus aureus* (MRSA) in clinical isolates.** Effatpanah Hosein, Mohammad Javad Mohammadi, Nasim Safari, Arezoo Bozorgomid, Mohammad Effatpanah. Fresenius Environmental Bulletin. 2018, 27(1): 622-628.
16. **Epidemiology of Fascioliasis in Kermanshah Province, Western Iran.** Arezoo Bozorgomid, Naser Nazari, Eshrat beigom Kia, Mehdi Mohebali, Homa Hajaran, Peyman Hydarian, Yazdan Hamzavi, Sara Nemati, Mojgan Aryaeipour, Mohamad bagher Rokni. Iran J Public Health. 2018. 27(6).967-972.
17. **Psychological Needs Satisfaction and Intention to Migrate in Iranian Nurses: A Qualitative Content Analysis.** Sousan Valizadeh, Hadi Hasankhani, Vahid Shojaeimotagh, Arezoo Bozorgomid. Iran J Public Health, 2018, 27(7)
18. **Emotional intelligence of nursing students and its relation demographic characteristics among nursing students.** Ghasemi, hahnaz Salawati and Farrokhi, Shima and Najafi, Massoumeh and Shojaeimotagh, Vahid, Bozorgomid, Arezu and Torabi, Mehdi and Yarahmadi, Fatemeh. Journal of Evolution of Medical and Dental Sciences/ jemds, 2018. 7 (30).
19. **Response Letter to the Editor in Reference to Letter to the Editor about "Molecular Characterization of Animal *Fasciola* spp. Isolates from Kermanshah, Western Iran.** Bozorgomid A, Nazari N, Beigom Kia E, Hajaran H, Mohebali M, Aryaeipour M, Heidarian P, Rokni MB. Iran J Public Health. 2018; 47(8): 1210.
20. **Cutaneous leishmaniasis in Qasr-e Shirin, a border area at west of Iran.** Yazdan Hamzavi, Naser Nazari, Nahid Khademi, Keivan Hassani and Arezoo Bozorgomid*, Veterinary World, 11(12): 1692-1697.
21. **Identification of *Blastocystis* sp. subtypes from human using 18s rRNA in Northwest of Iran.** Mohamadi J, Hallaj zadeh J, Rostami M, Raeghi S, Mirahmadi H, Bahrami F, Bozogomid A. Armaghane danesh. 2019; 23 (6).
22. ***Pneumocystis jirovecii* pneumonia and human immunodeficiency virus co-infection in western Iran: a retrospective study.** Arezoo Bozorgomid,Yazdan Hamzavi, Sahar Heidari Khayat, Behzad Mahdavian, Siavash Vaziri,. Iran J Public Health. 48 (11); 2019, 2065-2069.

- 23. Association Between Gastric Lymphoid Follicles (Precursor Of MALT Lymphomas) And *H. pylori* Infection At A Referral Hospital In Iran.** Bashiri H, Esmaeilzadeh A, Vossoughinia H, Ghaffarzadegan K, Raziei HR, Bozorgomid A*. Clinical and Experimental Gastroenterology 2019;12:409–413
- 24. Serological survey of *Neospora caninum* and *Toxoplasma gondii* co-infection in rodents northwestern Iran.** Naser Nazari, Saeedeh Shojaee, Mahboobeh Salimi, Mehdi Mohebali, Navid Ahmadifard, Yazdan Hamzavi, Zabihollah Zarei, Arezoo Bozorgomid*. Iranian Journal of Parasitology. 2020; 15(2):253-258.:.
- 25. *Neospora caninum* and *Toxoplasma gondii* in brain tissue of rodents in north-western Iran.** Naser Nazari,¹ Saeedeh Shojaee,² Mehdi Mohebali,² Aref Teimouri,^{2,3} Keyghobad Ghadiri,⁴ Saber Raeghi,⁵ Mohammad Reza Shiee,^{2,3} Yousef Azarakhsh,⁶ and Arezoo Bozorgomid⁴ * Vet Med (Auckl). 2019; 10: 223–227.
- 26. Identification of *Fasciola* Species Using Tegumental Spines in Tissue Sections.** FADAVI A, ASHRAFI K, HASSANPOUR H, ROKNI MB, HOSSEINI SM, BOZORGOMID A, HOSSEINPOUR L, NAJAFI F, MOWLAVI G. Iran J Public Health. 2020; 49(4):711-717.
- 27. Efficacy of hijamat (wet cupping therapy) in iranian patients with nonalcoholic fatty liver disease: A controlled clinical trial .** Bashiri H, Bozorgomid A, Shojaemotagh V. Turk J Med Sci. 2020 Apr 9;50(2):354-359. doi: 10.3906/sag-1907-82. (IF: 1).
- 28. Detection Cell-Free DNA (cfDNA) Using Nested-PCR as a Diagnosis Tool for Human Fascioliasis Infection.** Mojgan ARYAEIPOUR, Bahram KAZEMI, Arezoo BOZORGOMID, Mahdi MOHEBALI, Hakim AZIZI , *Mohammad Bagher ROKNI. Iran J Public Health, Vol. 49, No.6, Jun 2020, pp.1148-1156
- 29. Usefulness of blood parameters for preliminary diagnosis of brucellosis .** Aky A, Bozorgomid A, Ghadiri K, Ahmadi M, Elahi A, Mozafari H, Almasi A, Namadi P, Chegenelorestani R. J Blood Med. 2020 Mar 30;11:107-113. doi: 10.2147/JBM.S245513. eCollection 2020.
- 30. Genetic diversity and distribution of *Fasciola hepatica* haplotypes in Iran: Molecular and phylogenetic studies.** Bozorgomid A, Rouhani S, Harandi MF, Ichikawa-Seki M, Raeghi S. Vet Parasitol Reg Stud Reports. 2020 Jan;19:100359.
- 31. Protective effect of asacol in combination with pantoprazole in ulcerative colitis patients who defecate asacol tablets intactly: A clinical trial study .** Bashiri H, Bozorgomid A. Clin Exp Gastroenterol. 2020 Jan 24;13:47-51.
- 32. Antimicrobial resistance of *Staphylococcus aureus* isolates from hospital wastewater in Kermanshah, Iran.** Alisha Aky, Roya Chegene Lorestani, Jila Shahveisi, Arezoo Bozorgomid*. Risk Management and Healthcare Policy. 2020; 13:1035-1042. doi: 10.2147/RMHP.S261311.
- 33. Molecular phylogenetic and genetic variability of *Fasciola gigantica* in Kermanshah Province with an overview to understand haplotypes distribution in Asia and Africa.** Mohammad Bagher

Rokni , Homayoon Bashiri , Saber Raeghi, Aref Teimouri, Vahid Shojaeimotagh, Mohammad Reza Shiee , Arezoo Bozorgomid. Veterinary Research Forum. 2020;11(3):265-271. doi: 10.30466/vrf.2019.98547.2350.:.

34. **Distribution and molecular analysis of *Blastocystis* subtypes from gastrointestinal symptomatic and asymptomatic patients in Iran.** Asma Delshad; Mehrzad Saraei; Safar Ali Alizadeh; Soheila Rahimi niaraki; Mahmood Alipour; Bahram Hosseinbigi; Arezoo Bozorgomid. Journal of Infection and Public Health. African Health Sciences. 2020 ;20(3):1179-1189. doi: 10.4314/ahs.v20i3.21.
35. **Biliary of fascioliasis in Kermanshah Province, Western Iran: A retrospective case series.** Bashiri H, Hamzavi Y. Bozorgomid A. Iran J Public Health, , 2021, 50(1), pp. 215–216
36. **Emerging cases of fascioliasis in lorestan province, western iran: Case series report.** Iranian Heydarian, P., Ashrafi, K., Rahimi Esboei, B., Mokhayeri, H., Bozorgomid, A, Rokni, M.B. Journal of Public Health, 2021, 50(1), pp. 195–200
37. **Prevalence of human visceral leishmaniasis in Iran: A systematic review and meta-analysis.** Rostamian M, Bashiri H, Yousefinejad V, Bozorgomid A, Sohrabi N, Raeghi S, Khodayari MT, Ghadiri K, Rezaeian SComp Immunol Microbiol Infect Dis. 2020 Dec 14;75:101
38. **Efficacy and safety of sofosbuvir/velpatasvir versus the standard of care in adults hospitalized with COVID-19: a single-centre, randomized controlled trial.** Sayad B, Khodarahmi R, Najafi F, Miladi R, Mohseni Afshar Z, Mansouri F, Rahimi Z, Shirvani M, Salimi M, Vaziri S, Janbakhsh A, Khosravi Shadmani F, Bozorgomid A, Zamanian MH, Afsharian M. J Antimicrob Chemother. 2021 May 25:dkab152. doi: 10.1093/jac/dkab152. Online ahead of print. PMID: 34037760
39. **Assessment of the Endoparasite Fauna amongst the Rodents in Kurdistan Province, West of Iran** Mohammadi A, Bozorgomid A, Sedaghat MM, Mowlavi G, Abai MR, Mostafavi E.. Iran J Parasitol. 2022 Jan-Mar;17(1):70-78.
40. **Molecular and serological evaluation of visceral leishmaniasis in domestic dogs and cats in Maragheh County, north-west of Iran .** Soleimani A, Mohebali M, Gholizadeh S, Bozorgomid A, Shafiei R, Raeghi S., 2018-2021. Vet Med Sci. 2022 Sep;8(5):1898-1903.
41. **Toxoplasma gondii vaccine candidates: a concise review .**Mamaghani AJ, Fathollahi A, Arab-Mazar Z, Kohansal K, Fathollahi M, Spotin A, Bashiri H, Bozorgomid A.. Ir J Med Sci. 2022 Apr 8:1–31.
42. **Demographics, clinical characteristics, and outcomes of 27,256 hospitalized COVID-19 patients in Kermanshah Province, Iran: a retrospective one-year cohort study.** Hesni E, Sayad B, Khosravi Shadmani F, Najafi F, Khodarahmi R, Rahimi Z, Bozorgomid A, Sayad N. BMC Infect Dis. 2022 Mar 31;22(1):319.

43. Comparative study of virtual and face-to-face training methods on the quality of healthcare services provided by Kermanshah pre-hospital emergency staff (EMS): randomized educational Intervention trial. Rad RF, Sadrabad AZ, Nouraei R, Khatony A, Bashiri H, Bozorgomid A, Rezaeian S. BMC Med Educ. 2022 Mar 25;22(1):203.
44. In-silico design of a multi-epitope for developing sero-diagnosis detection of SARS-CoV-2 using spike glycoprotein and nucleocapsid antigens. Javadi Mamaghani A, Arab-Mazar Z, Heidarzadeh S, Ranjbar MM, Molazadeh S, Rashidi S, Niazpour F, Naghi Vishteh M, Bashiri H, Bozorgomid A, Behniafar H, Ashrafi M. Netw Model Anal Health Inform Bioinform. 2021;10(1):61. doi: 10.1007/s13721-021-00347-x.
45. Comments on "Genetic characterization and phylogenetic analysis of *Fasciola* species based on ITS2 gene sequence, with first molecular evidence of intermediate *Fasciola* from water buffaloes in Aswan, Egypt". Soheila R, Arezoo B, Galavani H, Saber R. Ann Parasitol. 2021;67(2):351-352.
46. Bionomics and phylo-molecular analysis of *Leishmania* species isolated from human lesions using ITS1 genes in north-east of Iran Shafiei R, Kalantari M, Yousefi M, Aspatwar A, Arzamani K, Bozorgomid A, Mirahmadi H, Soleimani A, Raeghi S.. J Parasit Dis. 2021 Sep;45(3):754-761. doi: 10.1007/s12639-021-01360-7.
47. Increased incidence of rhino-orbital mucormycosis in an educational therapeutic hospital during the COVID-19 pandemic in western Iran: An observational study. Avatef Fazeli M, Rezaei L, Javadirad E, Iranfar K, Khosravi A, Amini Saman J, Poursabbagh P, Ghadami MR, Parandin MM, Dehghani A, Ahmadi Jouybari T, Mahdavian B, Eivazi N, Rezaei S, Rezaei A, Emami B, Haqgou M, Bozorgomid A, Sayad B. Mycoses. 2021 Nov;64(11):1366-1377.
48. Effect of tranexamic acid on the treatment of patients with upper gastrointestinal bleeding: A double-blinded randomized controlled clinical trial H Bashiri, M Hamzei, A Bozorgomid Journal of Acute Disease 10 (2), 57
49. Association between community-acquired pneumonia and platelet indices: A case-control study H Motamed, H Bashiri, F Yari, A Bozorgomid, M Rostamian, Y Azarakhsh,. Journal of Acute Disease 10 (1), 23 1 2021 Emerging cases of fascioliasis in
50. Systematic Review and Meta-analysis of Role of Felids as Intermediate Hosts in the Life Cycle of *Neospora caninum* Based on Serological Data. Nazari N, Khodayari MT, Hamzavi Y, Raeghi S, Karamati SA, Falahi S, Bozorgomid A, Sajedi MT. Acta Parasitol. 2023 Jan 30.
51. Prevention of mother-to-child transmission of HIV in Kermanshah, west of Iran from 2014 to 2021. Lorestani RC, Rostamian M, Akya A, Rezaeian S, Afsharian M, Habibi R, Bozorgomid A, Kazemisafa N, Jafari S, Yeilaghi S, Salehi MM, Namdari H, Ghadiri K. BMC Pediatr. 2023 Jan 19;23(1):29.
52. Assessment of genetic markers for multilocus sequence typing (MLST) of *Fasciola* isolates from Iran. Nazari N, Rokni MB, Ichikawa-Seki M, Raeghi S, Hajjaran H, Falahi S, Hamzavi Y, Heydarian P, Davari A, Ghadiri K, Bozorgomid A. Vet Med Sci. 2022 Nov 7.

53. Molecular and phylogenetic analysis of *E. vermicularis* in appendectomy specimens from Iran. Shafiei R, Jafarzadeh F, Bozorgomid A, Ichikawa-Seki M, Mirahmadi H, Raeghi S. Infect Genet Evol. 2023 Jan;107:105391.

Congress/Meeting: Attendance & Presentation

A. Oral Presentations at conferences

1. Bozorgomid A, Nateghpour M, Motavalli Haghi A, Farivar L, Hajialilo E. Anti-malarial activity of nano-chloroquine and nano-artesunate in mice infected with *Plasmodium berghei*. ; 2nd International and 9th National Congress of Parasitology and Parasitic Diseases of Iran in Gilan. (**Oral presentation**)

۲. نگرش و باورهای پرستاران شاغل در بخش های مراقبت ویژه. دکتر حمید رضا خلخالی، وحید شجاعی مطلق، آرزو بزرگ امید. سومین سمینار سراسری پرستار، ماما و پژوهش در گلستان (۱۰ و ۱۱ آذر ماه ۱۳۸۹) (سخنرانی)

B. Poster presentations

1. H. Mohammadzade Hajipirloo, A. Bozorgomid, T. Alinia, K. Hazrati tappeh, R. Mahmodlou. Human cystic echinococcosis in urmia, IRAN, a retrospective survey of hospital recordes from 2000 to 2009. The XIIth International Congress of Prasitology. Melbourne, Australia. 15th- 20th August 2010.
3. K. Diba, Farjah GH, A. Bozorgomid, Rahbar M. Anti bacterial Activity of the fixatores of educational cadavers. The 3th Iranian Congress Clinical Microbiology ^{6-8, 6-8} Oct. 2009.
4. KH. Hazrati Tappeh, A. Bozorgomid. Congenital Toxoplasmosis. 2nd International Congress on Reproductive Health and Family planning. Urmia- Iran. ^{27- 29} Oct. 2010.

5. Bozorgomid A. Seroprevalence of *Cytomegalovirus* and Rubella infections among pregnant women in Urmia province, 2011. The 6th Iranian Congress Clinical Microbiology, Mashhad Iran. ²⁻⁴ Oct. 2012
6. Bozorgomid A, Mohammadzadeh Hajipirloo H,_Hazrati Tappeh Kh, Shahabi Sh , Karamati Keevaj SA. Evaluation of the effect of opioid receptor antagonists, alum-naloxone , as a new adjuvant on efficacy of vaccination of BALB/c mice with heat inactivated *Leishmania major* (MRHO/IR/75/ER) promastigote..1st international & 8th national Congress of Parasitology & Parasitic disease in Iran.Kerman. ¹⁶⁻¹⁸Oct ,2012
7. Bozorgomid A, Mohammadzadeh Hajipirloo H,_Hazrati Tappeh Kh, Shahabi Sh , Karamati Keevaj SA. Evaluation of the effect of opioid receptor antagonists, alum-naltroxane , as a new adjuvant on efficacy of vaccination of BALB/c mice with heat inactivated *Leishmania major* (MRHO/IR/75/ER) promastigotes. 1st international & 8th national Congress of Parasitology & Parasitic disease in Iran.Kerman. ¹⁶⁻¹⁸Oct ,2012.
8. Mojgan Aryaeipour, Eshrat Beigom Kia, Mohammad Bagher Rokni, Bahram Kazemi, Masoud Behnia, Arezoo Bozorgomid. Morphological and molecular characterization of *Fasciola hepatica*, *Fasciola gigantica* in Livestock from Ardabil, Iran. 8th International Iranian congress of Laboratory and clinic. Tehran. . ⁶⁻⁸Feb,2016
9. Arezoo Bozorgomid, Mohammad Bagher Rokni,Mojgan Aryaeipour, Peyman Heydarian. Molecular Evidence of Human Fasciolosis Due to *Fasciola gigantica* in Iran: A Case Report. 10th International Laboratory and Clinical Congress. 2018
10. Arezoo Bozorgomid1, Naser Nazari, Eshrat Beigom Kia, Homa Hajjaran, Medi Mohebali, Mojgan Aryaeipour, Peiman Heidarian, Mohamad Bagher Rokni. Multilocus sequence typing and genetic structure of *Fasciola* isolates from livestock in Kermanshah, Iran. 10th International Laboratory and Clinical Congress.2018
11. Mojgan Aryaeipour, Mehdi Mohebali, Arezoo Bozorgomid, Peyman Heydarian, Mohamad Bagher Rokni. Nested-PCR assay for detection of *Fasciola* infection in human stool. 10th International Laboratory and Clinical Congress. 2018
12. Arezoo Bozorgomid. Molecular Characterization of Animal *Fasciola* spp. Isolates from Kermanshah Western Iran. The 11th International & 16th National Congress on Quality Improvement in Clinical Laboratories. Tehran. 2018.

13. Arezoo Bozorgomid, Mohamad Bagher Rokni, Naser Nazari, Eshrat Beigom Kia, Homa Hajjaran, Medi Mohebali. Multilocus sequence typing and genetic structure of *Fasciola* isolates from livestock in Kermanshah, Iran. Iran's 19th International Congress of Microbiology. Tehran. 2018.
14. Narges Heidari, Mohammad Yousef Alikhani, Mohammad Reza Arabestani, Arezoo Bozorgomid. Evaluation of real time PCR detection of clinical isolates of *Staphylococcus aureus* and methicillin resistance based on melting curve analysis method. Iran's 19th International Congress of Microbiology. Tehran. 2018

Special Skills

I have been working with the following field and laboratory techniques:

- 1- Parasites culture
- 2- Culture lymphocytes and MTT assay
- 3- Molecular techniques such as PCR-RFLP, Nested PCR, MLST and Real-time PCR
4. Immunological assays: Humoral response (IFAT, ELISA, DAT) and cellular response (Lymphocyte proliferation, cytokine expression and production).
- 6- Malacology
- 7- In vivo experiments with mice and hamsters
- 8- Entomological studies: experimental infection of phlebotomine sand flies, detection of individual infection and determination of blood meal source by molecular techniques.

Bio-informatics and computer aided analysis

I am familiar with a large range of web-based applications and databases designed for use by molecular scientists

1. Databases using Blast and Clustal for the identification of related
2. Analysis of sequencing results
3. Primer design

4. Use DnaSP software to estimate molecular evolutionary genetics parameters for two data sets such as nucleotide diversity, average number of nucleotide differences, haplotype diversity, codon usage bias, and whether or not there is evidence of natural selection.
5. Use Structure software to investigate population structure, including inferring the presence of distinct populations and assigning individuals to populations.
6. Arlequin software
7. PopART: full-feature software for haplotype network construction
8. Mega and splitstree softwares

❖ **Deposition of 120 sequences including *Toxoplasma* and *Fasciola* spp in the GenBank database**

Hyper link; <https://www.ncbi.nlm.nih.gov/nuccore/?term=bozorgomid>

Membership in Professional Associations and societies (Professional Memberships)

Iranian Society of Parasitology, Tehran University of Medical Sciences and Health Services