



Curriculum Vitae

Personal Information

First name: Reza

Family name: Shafiei

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Education

Academic qualifications:

1. **Ph.D** candidate in medical Parasitology, Shiraz University of Medical Sciences. Shiraz, Iran.
GPA: 17.61
2. **M.Sc** in Medical Parasitology: Baqiyatallah University of Medical Sciences, Tehran, Iran, 2002-2005. GPA: 18.25
3. **BS** in Laboratory Veterinary Sciences: Ferdosi University of Mashhad, Mashhad, Iran, 2000-2002. GPA: 16.98
4. **BA** in Veterinary Sciences: Semnan University, Semnan, Iran, 1998-2000. GPA: 15.28

Thesis Title

MS.C degree:

The prevalence of small bowel protozoa with laboratory and paraclinical methods among intestinal disorders patients referred to endoscopy wall in selective hospitals in Tehran in 2005

Ph.D degree:

Phenotype and genotype analysis of *Fasciola spp.* in Kohgiluyeh and Boyer-Ahmad province and evaluation of somatic antigens of the parasite for the diagnosis of human fasciolosis

Publications

Articles:

1. Jahani M R, **Shafiei R**, Safavi P, Rezaian M, Amini M, Ebrahimi Daryani N, Montazeri M, Montazeri M, Shirzad H. Prevalence of small bowel parasites among dyspeptic patients who underwent upper gastrointestinal endoscopy (Tehran; 2004-2006). *J. Babol. Uni. Med. Sci.* 2008; 10(1): 60-66. [In Persian]
2. Mowlavi GR, Mir Ahmadi H, Rezaeian M, Beigom kia E, Ebrahimi Daryani N, Rokni MB, Golestan B, **Shafiei R**, Fereshtehnejad SM, Keramati MR. Prevalence of intestinal parasites in tribal parts of Khuzestan province during 2005-07. *Govaresh*. 2008; 12(4): 219-228. [In Persian]
3. **Shafiei R**, Jahani MR, Rezaeian M, Amini M, Metvayi AR, Mirahmadi H, Ebrahimi Daryani N, Keramati MR. *Giardia lamblia* and *Helicobacter pylori* coinfection. *Iranian J. Public Health*. 2009; 38(1): 127-130.
4. Bagheri HR, **Shafiei R**, Shafiei F, Sajjadi SA. Isolation of *Acanthamoeba spp.* from drinking waters in several hospitals of Iran. *Iranian J. Parasitol*. 2010; 5(2): 19-25.
5. **Shafiei R**, Riazi R, Sarvghad MR, Galian Sharifdini M, Mahmoodzadeh A, Hajia M. Prevalence of IgG and IgM anti-*Toxoplasma gondii* antibodies in HIV positive patients in northeast of Iran. *Iranian J. Pathology*. 2011; 6(2): 68-72.
6. **Shafiei R**, Mahmoodzadeh A, Hajia M, Sanati AA , Shafiei F. Epidemiology of Malaria in Khorasan Razavi province, Northeast of Iran, within 7 years (April 2001- March 2008). *Ann. Trop. Med. Public Health*. 2011; 4(1):12-17.
7. Hasanzadeh Mofrad M, **Shafiei R**, Bolandi S, Najjari M, Hatam GR. Leech bite: A rare cause of postmenopausal vaginal bleeding. *Iran. Red. Crescent Med. J.* 2012; 12(6): 383-384.
8. **Shafiei R**, Sarkari B, Moshfe A. A consistent PCR-RFLP assay based on ITS-2 ribosomal DNA for differentiation of *Fasciola* species. *Iran J Basic Med Sci*; 2013; 16:1266-9.
9. Sarkari B, Ghadami F, **Shafiei R**, Motazedian MH, Sedaghat F, Kasraian L, Tavasoli AR, Zarnegar G, Nikmanesh Y, Davami MH. Seroprevalence of *Leishmania* infection among the healthy blood donors in Kala-Azar endemic areas of Iran. *J Parasit Dis*. 2013. Published online
10. **Shafiei R**, Mohebali M, Akhoudi B, Sharifdini Galian M, Kalantar F, Ashkan S, Fata AM, Hosseini Farash BR, Ghasemian M. Emergence of co-infection of visceral leishmaniasis in

- HIV-positive patients in northeast Iran: a preliminary study. *Travel Med. Infect. Dis.* 2014; 12:173-8.
11. Sarkari B, **Shafiei R**, Zare M, Sohrabpour S, Kasraian L. Seroprevalence and molecular study of *Toxoplasma gondii* infection among healthy blood donors in southern Iran. *J. Infect. Dev. Ctries. J Infect Dev Ctries* 2014; 8(4):543-7.
 12. **Shafiei R**, Sarkari B, Sadjjadi SM, Mowlavi GR, Moshfe AA. Molecular and Morphological Characterization of *Fasciola* spp. Isolated from Different Host Species in a Newly Emerging Focus of Human Fascioliasis in Iran. *Vet Med Inter.* 2014; Article ID 405740, 10 pages.
 13. Najjari M, **Shafiei R**, Fakoorziba MR. Nosocomial Myiasis with *Lucilia sericata* (Diptera: Calliphoridae) in an ICU patient in Mashhad, Northeastern Iran. *Arch Iran Med* 2014; 17(7):523-5.
 14. Sarkari B, Lari M, **Shafiei R**, Sadjjadi SM. A Comparative Seroprevalence Study of Toxocariasis in Hypereosinophilic and Apparently Healthy Individuals. *Arch Pediatr Infect Dis* 2014; 3(4):e17911.
 15. **Shafiei R**, Sarkari B, Sadjjadi SM. Performance of a 27 kDa *Fasciola hepatica* Antigen in the Diagnosis of Human Fascioliasis. *J Lab Physicians* 2015; 7:17-20.
 16. **Shafiei R**, Najjari M, Kargar kheиabad A, Hatam GR. Severe diarrhea due to *Cystoisospora belli* infection in a HTLV1 woman: Clinical characterization. *Iranian J. Parasitol* 2016;

Books:

1. "Medical Protozoology", Published by Ketab Mir Institute, Tehran, Iran, 2009
2. "Medical Parasitology", Published by Khosravi Institute, Tehran, Iran, 2011

Paper Presented in Internal Congresses

Internal:

1. Ebrahimi Drayani N, Jahani M.R, Amini M, **Shafiei R**, Bashashati M, Keramati MR, Rezaian M. Co-infection of *Helicobacter pylori* and *Giardia lamblia*. *Helicobacter Pylori Seminar*, 2007; 21 June, Iran-Tehran.
2. **Shafiei R**, Dalimi Asl A, Pirestani M, Hojat M, Ebrahimi Daryani N. Evaluation of prevalence of intestinal protozoal infection in thalassemic and dialysis patients in Jahrom. *Iranian Congress of Gastroenterology and Hepatology*, 2007; 28-30 Nov, Iran-Tehran.
3. **Shafiei R**, Jahani MR, Rezaian M, Amini M, Mirahmadi H, Keramati MR. The prevalence of small bowel parasites among dyspeptic patients who underwent upper gastrointestinal endoscopy: A multicenter study in Tehran. *Iranian Congress of Gastroenterology and Hepatology*, 2007; 28-30 Nov, Iran- Tehran.

4. **Shafiei R**, Jahani MR, Rezaian M, Ebrahimi Daryani N, Amini M, Mirahmadi H, Keramati MR. Evaluation of *Blastocystis hominis* prevalences in patients with gastric disorders. Iranian Congress of Gastroenterology and Hepathology, 2007; 28-30 Nov, Iran-Tehran.
5. Miahipour A, Nateghpour M, Edirssian GhH, Mohebali M, Sori E, Motavalli A, Sharaifarahani H, **Shafie R**. Effectiveness of ethanolic extract of *Otostegia persica* against *Plasmodium berghei* in comparison with Chloroquine in saurian mice using in vivo tests. NICOPA, 2008; 27-29 May, Iran- Karaj.
6. **Shafie R**, Jahani MR, Rahimi MT, Galian Sharifdini M, Zarean M, Kia EB. An analysis of Hydatid cyst surgeries in Tehran Baqiyatallah hospital, during 1996-2006. NICOPA, 2008; 27-29 May, Iran- Karaj.
7. Galian Sharifdini M, Razmi GR, **Shafie R**, Zarean M. Infestation of cattle to hard ticks (family Ixodidae) in Tonekabon and Ramsar, Mazandaran province, Iran. NICOPA, 2008; 27-29 May, Iran- Karaj.
8. Mir Ahmadi H, Mowlavi GR, Rezaeian M, Beigom kia E, Rokni MB, **Shafiei R**, Golestan B. Prevalence of intestinal parasites in tribal parts of Khuzestan province during 2005-07. NICOPA, 2008; 27-29 May, Iran- Karaj.
9. Zarean M, Galian Sharifdini M, **Shafie R**. Evaluation of immunogenicity of Hydatid cyst fluid in vitro model. NICOPA, 2008; 27-29 May, Iran- Karaj.
10. Kanani A, Ghandchi G, **Shafie R**, Falahati M. Respiratory fungal infections in patients with and without tuberculosis in Masih Daneshvari hospital, Tehran, Iran. NICOPA, 2008; 27-29 May, Iran- Karaj.
11. Mir Ahmadi H, Kia Eshrat B, Zahabioun F, **Shafiei R**. Comparison of diagnostic method of residual value method, formalin ether cultivation environment nutrient agar for detection of infection caused *Strongyloides stercoralis*. NICOPA, 2010; 19-21 OCT, Iran-Tehran.
12. Mollaei F, Motazedian MH, Hatam GR, Bagheri Z, **Shafiei R**. Intestinal amoebiasis in Marvdasht in Fars provience with an epidemic in a family. NICOPA, 2010; 19-21 OCT. Iran-Tehran.
13. **Shafiei R**, Abdollahian E, Mokhber N. Seroprevalence of toxoplasmosis in psychiatric patients in Mashhad, Iran. NICOPA, 2010; 19-21 OCT, Iran-Tehran.
14. Bolandi S, Hassanzade Monfared MH, Najjari M, **Shafiei R**, Hatam GR. Leech bite: A case report of an unusual post-menopausal vaginal bleeding in a patient suspected to cancer. NICOPA, 2010; 19-21 OCT, Iran-Tehran.
15. Kanani A, Fateh R, Falahati M, **Shafiei R**. Isolation and identification of causative organism of superficial and cutaneous mycoses in Fardis, Karaj, Iran. NICOPA, 2010; 19-21 OCT, Iran-Tehran.

16. **Shafiei R**, Riazi Z, Sarvghad MR, Galian Sharifdini M, Mahmoodzadeh A, Jahani MR. IgG and IgM anti-*Toxoplasma gondii* antibodies in patients with HIV positive in Khorasan Razavi province, Northeast Iran. International Congress of Immunology and Allergy, 2010; 20-23 June, Iran-Tehran.
17. Najjari M, **Shafiei R**, Fakoor ziba MR, Sadjjadi SM. Nosocomial myiasis with *Lucilia sericata* in a hospitalized ICU patient in Mashhad. National Congress on Zoonotic Diseases, 2011; 17-19 May, Iran- Yasuj.
18. **Shafiei R**, Zarean M, Kariminik A, Tehranian F, Hasani A. Seroprevalence of *Toxoplasma gondii* antibodies in blood donors of Mashhad, Northeast of Iran. Iranian congress of clinical microbiology, 2011; 8-10 November, Shiraz- Iran.
19. **Shafiei R**, Hatam GR, Najjari M, Tabatabaei SM, Sakeni M. Epidemiology of Malaria in Chabahar district, Sistan and Baluchistan Province, Southeastern Iran. International Congress on Malaria Elimination (ICME), 2012; 25-27 Jan, Kish- Iran.
20. **Shafiei R**, Sarkari B, Lari M, Sadjjadi SM. Seroprevalence of toxocariasis in hypereosinophilic and normal individuals in Shiraz, southern Iran. NICOPA, 2012; 16-18 OCT, Iran- Kerman.
21. Sadjjadi SM, Foroughiparvar F, **Shafiei R**, Farhangmehr B, Kazemian S. Development and evaluation of permanent mounting of cestodes without dehydration. NICOPA, 2012; 16-18 OCT, Iran- Kerman.
22. **Shafiei R**, Sarkari B, Sadjjadi SM. Performance of an indirect ELISA for serological diagnosis of human fascioliasis. NICOPA, 2015; 20-22 May, Iran-Gilan.
23. **Shafiei R**, Sarkari B, Sadjjadi SM. Comparative efficacy of two fixatives for permanent staining of *Fasciola* spp. adult worms. NICOPA, 2015; 20-22 May, Iran-Gilan.
24. **Shafiei R**, Gholami M, Jaffarzadeh F. Clinico-hematological characteristics of pediatric patients with visceral leishmaniasis in North Khorasan province. 24th Iranian Congress on Infectious Diseases and Tropical Medicine2015; 19-23 Dec, Iran-Tehran.

External:

1. **Shafiei R**, Najjari M, Kargar A, Hatam GR. Severe diarrhea due to *Isospora belli* infection in a HTLV1 woman. 15th ICID. Bangkok, Thailand. June 13-16, 2012.

Genes deposited in Genebank

Cystoisoospora belli: KF686747

Fasciola hepatica and *Fasciola gigantica* (ITS1): KF722999, KF723000, KF866248, KF866249

Fasciola hepatica and *Fasciola gigantica* (ITS2): KF866247, KF866250, KF866251, KF866252

Fasciola hepatica and *Fasciola gigantica* (COI): KF992216, KF992217, KF992218, KF992219, KF992220, KF992221

Fasciola hepatica and *Fasciola gigantica* (NDI): KF992222, KF992223, KF992224, KF992225, KF992226, KF992227

Laboratory and Research Experiences:

DNA extraction

PCR, Nested-PCR, RFLP-PCR, Multiplex-PCR

ELISA, DAT, SDS-page, Western Blot

Worm and protozoa staining and mounting

Honors, Distinctions, and Scientific Societies Membership

Professional affiliation/Academic Membership

- 1- Iranian Society of Parasitology
- 2- Iranian Society of Biotechnology