

# Mohammad Javad Abbaszadeh Afshar

Assistant Professor of Medical Parasitology at Jiroft University of Medical Sciences



## PERSONAL INFORMATION

Date of birth: June, 8<sup>th</sup>, 1990

Gender: Male

Place of birth: Jiroft, Iran

Marital status: Single



## CONTACT INFORMATION

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## ABOUT ME

I have a background in Clinical Laboratory Sciences as my B.Sc. degree. I obtained my M.Sc. and Ph.D. degrees in Medical Parasitology. My teaching focuses on Medical Parasitology to medicine, clinical laboratory sciences, and nursing students, and my research area is about *Leishmania* vaccine, focusing on new genome editing tools (CRISPR-Cas9), however, I participated in different scientific projects such as epidemiology of parasitic agents with medical importance and also zoonoses and wildlife diseases.

## EDUCATION

**2016-2021** Ph.D. in Medical Parasitology at Tehran University of Medical Sciences

Thesis title: Development of a live attenuated *Leishmania infantum* centrin gene-deleted using CRISPR gene editing and evaluating its safety, immunogenicity, and protection as a vaccine candidate against canine leishmaniasis in the mouse model

**2012 – 2016** M.Sc. in Medical Parasitology at Tehran University of Medical Sciences

Thesis title: Seroepidemiological survey of visceral leishmaniasis among children up to 12 years old of the nomadic tribes of southern Kerman province using direct agglutination test (DAT) in 2014

**2008 – 2012** B.Sc. in Medical Laboratory Sciences at Kerman University of Medical Sciences

## RESEARCH INTERESTS

Zoonoses	Leishmaniasis
Molecular Parasitology	Vector-Borne Diseases
Drug Development	Wildlife Parasitology
Immunoparasitology	Malaria

## RESEARCH INTERESTS

Microscopy and Examination  
Parasitic, Microbial and Cell Culture  
Laboratory Animal Experimentation  
Parasitology Staining Techniques  
Field Experimentation  
Molecular Tests PCR, real time-PCR, nested-PCR, PCR-RFLP, cloning  
Serology Tests ELISA, IFA, DAT  
GraphPad PRISM, SPSS, STATA, Microsoft Office, EndNote

## LANGUAGES

English: Excellent  
Persian: Native

## PUBLICATIONS

1. **Abbaszadeh-Afshar MJ**, Mohebbali M, Sharifi I, et al. Seroepidemiological survey of visceral leishmaniasis among nomadic tribes of Kerman Province, Southeastern Iran: An observational study for implication to health policy. *J Biostat Epidemiol.* 2015; 1(3-4): 105-111
2. Gorgipour M, Mohebbali M, Akhondi B, **Abbaszadeh Afshar MJ**, Kazemi B, Khazaei S, Azargashsb E, Khazan H. Human Visceral Leishmaniasis: a Serological Survey in Rural Areas of Dashti District of Bushehr Province, Southern Iran. *Novel Biomed.* 2017; 5(2):54-8.
3. **Abbaszadeh Afshar MJ**, Sharifi I, Bamorovat M, Mohebbali M, Bahreini MS, Naderi A. Canine visceral leishmaniasis; A seroepidemiological survey in Jiroft district, Southern Kerman Province, Southeastern Iran in 2015. *Iran J Parasitol.* 2018 Jan; 13(1):67.
4. Bahreini MS, Motazedian MH, Bamdad S, **Abbaszadeh Afshar MJ**, Asgari Q. Detection of free living amoeba infection in patients with suspected central nervous system and keratitis disease in Shiraz, Southern Iran. *J Health Sci Surveillance Sys.* 2019; 7(2):80-85.

5. Tabatabaei F, Azarmi S, **Abbaszadeh Afshar MJ**, Yarizadeh H, Mohtasebi S. Blackfly fever and dermatitis caused by *Simulium kiritshenkoi*: a human case report in Iran. BMC Infect Dis. 2020 Dec; 20(1):1-4.
6. Teimouri A, Keshavarz H, Mohtasebi S, Goudarzi F, Mikaeili F, Borjian A, Allahmoradi M, Yimam Y, **Abbaszadeh Afshar MJ\***. Intestinal parasites among food handlers in Iran: A systematic review and meta-analysis. Food Microbiology. 2020 Dec 4:103703. Food Microbiol. 2020 Dec 4:103703.
7. Allahmoradi M, Haghi AM, Nateghpour M, Mohebbali M, Raeisi A, Safa AH, Mohtasebi S, **Abbaszadeh Afshar MJ**. High-Resolution Melting Analysis in Comparison with Microscopic Method: An Experimental Study to Diagnosis of *Plasmodium* Species Infections in Human. Iran J Parasitol. 2020 Jul; 15(3):403.
8. **Abbaszadeh Afshar MJ\***, Mehni MB, Rezaeian M, Mohebbali M, Baigi V, Amiri S, Amirshkari MB, Hamidinia R, Samimi M. Prevalence and associated risk factors of human intestinal parasitic infections: a population-based study in the southeast of Kerman province, southeastern Iran. BMC infect dis. 2020 Dec; 20(1):1-8.
9. Goudarzi F, Mohtasebi S, Teimouri A, Yimam Y, Heydarian P, Sangani GS, **Abbaszadeh Afshar MJ\***. A systematic review and meta-analysis of *Hymenolepis nana* in human and rodent hosts in Iran: a remaining public health concern. Comparative Immunology, Microbiol Infect Dis. 2020 Nov 18:101580.
10. Mohtasebi S, Teimouri A, Mobedi I, Mohtasebi A, Abbasian H, **Abbaszadeh Afshar MJ\***. Intestinal helminthic parasites of rodents in the central region of Iran: first report of a capillariid nematode from *Dryomys nitedula*. BMC Res Notes. 2020 Dec; 13(1):1-7.
11. **Abbaszadeh Afshar MJ**, Zahabiun F, Heydarian P, Mozafar Saadati H, Mohtasebi S, Khodamoradi F, Raissi V. A systematic review and meta-analysis of toxocariasis in Iran: is it time to take it seriously? Acta parasitol. 2020 Sep; 65:569-84.
12. Yimam Y, Nateghpour M, Mohebbali M, **Abbaszadeh Afshar MJ** (2021) A systematic review and meta-analysis of asymptomatic malaria infection in pregnant women in Sub-Saharan Africa: A challenge for malaria elimination efforts. PLoS ONE 16(4): e0248245.
13. Mohebbali M, Keshavarz H, **Abbaszadeh Afshar MJ**, Hanafi-Bojd AA, Hassanpour G. Spatial Distribution of Common Pathogenic Human Intestinal Protozoa in Iran: A Systematic Review. Iran J Public Health. 2021; 50(1):69-82.
14. Mohtasebi S, Teimouri A, **Abbaszadeh Afshar MJ**. Demonstration of visceral leishmaniasis in steppe field mouse (*Apodemus witherbyi*): a neglected potential intermediate host? Clin. Microbiol. Infect. 2021 Nov; 27(11):1629-1630.
15. **Abbaszadeh Afshar, MJ**, Fatemeh Raeesi Nejad, and Ali Behzadi. "Blood Ordering and Transfusion Pattern: A Retrospective Monitoring of Seven Healthcare Institutions in Southern Kerman Province, Iran." Iran J Blood and Cancer: 17-21.
16. Mohtasebi S, **Abbaszadeh Afshar MJ**, Tabatabaie F, Schmidt-Rhaesa A. Description of (Gordiida) for the first time in Iran with an emphasis on scanning electron microscopy characters. Helminthologia. 2021 Jun 1; 58(2):196-201.
17. Mohtasebi S, Teimouri A, **Abbaszadeh Afshar MJ**, Abbasian H, Mobedi I, Allahmoradi M, Mowlavi G. First Report of *Passerilepis parina* (Cestoda: Hymenolepididae) from *Parus major* in Iran: A Probable Fatal Case Due to Hyperinfection. Iran J Parasitol. 2021 Jul; 16(3):518.

18. Mohtasebi S, Teimouri A, **Abbaszadeh Afshar MJ**, Mobedi I, Abbasian H, Totonchian N, Mowlavi G. First report of *Spirocerca lupi* larva in dung beetles (*Scarabaeus armeniacus*) in the central region of Iran: A morphological and molecular identification. *Comparative Immunology, Microbiol Infect Dis*. 2021 Aug 1; 77:101671.
19. Teimouri A, **Abbaszadeh Afshar MJ**, Mohtasebi S, Azami SJ, Alimi R, Keshavarz H. Assessment of an In-House Enzyme-Linked Immunosorbent Assay and IgG Avidity Test Based on SAG1 and GRA7 Proteins for Discriminating between Acute and Chronic Toxoplasmosis in Humans. *J Clinic Microbiol*. 2021 Aug 1; 59(8).
20. Eslahi AV, Olfatifar M, Houshmand E, Abdoli A, Bijani B, Hashemipour S, Mahmoudi R, Hajjalilo E, **Abbaszadeh Afshar MJ**, Mohammadzadeh AR, Badri M. Parasites in surgically removed appendices as a neglected public health concern: a systematic review and meta-analysis. *Pathogens and Global Health*. 2021 Nov 29:1-5.
21. **Abbaszadeh Afshar MJ**, Elikae S, Saberi R, Mohtasebi S, Mohebal M. Expression analysis of centrin gene in promastigote and amastigote forms of *Leishmania infantum* Iranian isolates: a promising target for live attenuated vaccine development against canine leishmaniasis. *BMC Vet Res*. 2021 Dec; 17(1):1-7.
22. **Abbaszadeh Afshar MJ\***, Mohebal M, Mohtasebi S, Teimouri A, Sedaghat B, Saberi R. Intestinal parasites among intellectually disabled individuals in Iran: a systematic review and meta-analysis. *Gut pathogens*. 2021 Dec; 13(1):1-1.
23. Ayene YY, Mohebal M, Hajjaran H, Akhoundi B, Shojaee S, Rahimi-Foroushani A, **Abbaszadeh Afshar MJ**, Zarei Z. A comparative study of nested-PCR and direct agglutination test (DAT) for the detection of *Leishmania infantum* infection in symptomatic and asymptomatic domestic dogs. *BMC Res Note*. 2021 Dec; 14(1):1-6.
24. Elikae S, Zarei Z, Khamesipour A, Akhoundi B, Borjian AR, **Abbaszadeh Afshar MJ**, Allely QK, Heidari S, Mohebal M. Live attenuated *Leishmania major* p27 gene knockout as a novel vaccine candidate: A study on safety, protective immunity and efficacy against canine leishmaniasis caused by *Leishmania infantum*. *Acta Tropica*. 2022 Jan 1; 225:106153.
25. Yimam Y, Mohebal M, **Abbaszadeh Afshar MJ** (2022) Comparison of diagnostic performance between conventional and ultrasensitive rapid diagnostic tests for diagnosis of malaria: A systematic review and meta-analysis. *PLoS ONE* 17(2): e0263770

## WORK EXPERIENCE

Working in hospital and pathobiology lab

## PROFESSIONAL MEMBERSHIPS

2016- Present Iranian Society of Parasitology

## OTHER SKILLS AND INTERESTS

Cycling