

Curriculum Vitae

Abbas Aghaei Afshar

Assistant Professor

School of Medicine

Department of Medical Parasitology

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Personal Information:

- First Name: Abbas
- Last Name: Aghaei Afshar
- Sex: Male
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Educational Background:

Institute	Attendance Duration	Degree	Major
Shahid Bahonar University of Kerman (SBUK)	1997-2001	BSc	Plant Protection
Tehran University of Medical Sciences (TUMS)	2002-2005	MSc	Medical Entomology
Tehran University of Medical Sciences (TUMS)	2007 - 2011	PhD	Medical Entomology

Title of My Research Thesis/Dissertations:

Level	Title of Thesis/Dissertation
MSc	Epidemiological Aspects of Visceral Leishmaniasis in South of Baft District, 2004-2005.
PhD	Epidemiological Chains of Coetaneous Leishmaniasis and Impact/Outcome Indicators Following Residual Spraying with Deltamethrin in New Foci of Dehbakri County, Bam District, Kerman Province, 2010-2011.

Publications:

In English:

1. Aghaei afshar A, Rassi Y, Sharifi I, Vatandoost H, Oshaghi MA, Abaei MR. 2011. Susceptibility Status of *Phlebotomus papatasi* and *P. sergenti* (Diptera: Psychodidae) to DDT and Deltamethrin in a Focus of Coetaneous Leishmaniasis after Earthquake Strike in Bam, Iran. Iran J Arthropod-Borne Dis, 2011, 5(2): 32–41
2. Ahmad KHOSRAVI 1, Iraj SHARIFI 1*, Eshagh DORTAJ 2, Abbas AGHAEI AFSHAR 1, Mahshid MOSTAFAVI The Present Status of Cutaneous Leishmaniasis in a Recently Emerged Focus in South-West of Kerman Province, Iran, Iranian Journal public health, vol 42, No:2, pag,182-187
3. Aghaei Afshar Abbas¹, Vatandoost Hassan², Sharifi Iraj¹, Rassi Yavar^{2*}, Abai Mohammad Reza², Oshaghi Mohammad, Ali², Yaghoobi-Ershadi Mohammad Reza², Rafizadeh Sina³. First determination of impact and outcome indicators following indoor residual spraying (IRS) with deltamethrin in a new focus of anthroponotic cutaneous leishmaniasis (ACL) in Iran, Asian Pac J Trop Dis 2013; 3(1): 5-9
4. Arabzadeh SA, Mollaei H, Zahedi M. Aghaei Afshar A. Seroepidemiology of Anti-HEV IgG in Healthy Men Blood Donors in Kerman, 2007-2008. Iranian Journal of Virology 2009; 3(1): 35-37.
5. Zahedi MJ, Arabzadeh SAM, Mollaei HR, Iranmanesh Z, **Aghaei Afshar A**. Molecular Detection of HGV RNA in Chronic Hepatitis Patients. Iranian Journal of Virology 2009; 3(2): 17-23.

6. Aghaei afshar Davood,Zahedi Mohammad javad, Arabzadeh Alimohammad,Aghaei afshar Abbas,Mollaei Hamidreza. Evaluation Effect of Hydroalcoholic Extract of *Eucalyptus globulus* and *Artemisia dracuncul* Compared with Acyclovir against Herpes Simplex Virus Type 1, Medicinal Plant Research 2012, Vol.2, No.2, 6-10

7. Iraj SHARIFI, Mohammad Reza AFLATOONIAN, Ali Reza FEKRI, Maryam HAKIMI PARIZI, Abbas AGHAEI AFSHAR, Ahmad KHOSRAVI, Fatemeh SHARIFI, Behnaz AFLATOONIAN, Ali KHAMESIPOUR, Yahya DOWLATI, Farrokh MODABBER, Abolhasan NADIM, Comprehensive Review of Cutaneous Leishmaniasis in Kerman Province, Southeastern Iran- Narrative Review Article, *Iran J Public Health*, Vol. 44, No.3, Mar 2015, pp.299-307.

8. Aghaei Afshar A, Rassi Y, Sharifi, Vatandoost H, Mollaie HR, Oshaghi M.A, Abai MR,Rafizadeh S. First report on natural Leishmania infection of Phlebotomus sergenti due Leishmania tropica by high resolution melting curve method in Southeastern ,Iran. Asian Pacific Journal of Tropical Medicine (2014)93-96.

9. **Hamid Reza Mollaei, Kamal Fakhradini, Seyed Ali Mohammad Arabzadeh, Abbas Aghaei Afshar, Zahra Iranmanesh, Mehdi Fazlali Pourand Najmeh Nikpour** Antiviral Activity of Specific siRNA against Hemagglutinin and Neuraminidase of Influenza Virus H1N1 in MDCK Cell Culture, Volume 3 Issue 1 - 2016.

10. Dariush Gaffari¹, Maryam Hakimi Parizi, Abbas Aghaei Afshar*, Siavosh Tirgari. Comparative repellency effect of three plant extracts on *Paederus* beetles (Coleoptera: Staphylinidae),the cause of linear dermatitis in Iran. *Asian Pac J Trop Biomed* 2016; 6(3).

11. Mojtaba Salimi¹, Abbas Aghaei Afshar*, Mojtaba Limoe, Soraya Babakhani, Omid Chatrabgoun, Ahmad Ali Hanafi-Bojd, Gidiglo Godwin Nutifafa⁶ Knowledge, attitude and practice of healthcare workers concerning Crimean-Congo hemorrhagic fever in Western Iran.*Asian Pac J Trop Biomed* 2016; 6(6).

12. Masoumeh Mozafary, Mohammad Saaid Dayer, Abbas Aghaei Afshar, Hamid Reza Mollaie³ Molecular characterization of *Leishmania* parasites in naturally infected sand flies from the endemic focus of Kerman City, Southeastern Iran. *Asian Pac J Trop Dis* 2016; 6(3).

In Persian:

1. Rasi Y, **Aghaei Afshar A**, Abaei MR. 2004. Epidemiological Aspects of Visceral Leishmaniasis in South of Baft District. Journal of Kerman University of Medical Sciences. 10 (1): 136-141.
2. Rasi Y, Javadian E, Ghasemi M, **Aghaei Afshar A**. 2006. Study of Reservoir and Vectors of Coetaneous Leishmaniasis by Nested PCR Methods in Marvdasht District, Fars, Iran. Journal of Kerman University of Medical Sciences. 14 (2): 113-118.

Scientific Meetings:

1. **Aghaei afshar A**, Rassi Y, Sharifi I, Vatandoost H, oshaghi MA, Abaei MR. 2011. Susceptibility Status of *Phlebotomus papatasi* and *P. sergenti* (Diptera: Psychodidae) to DDT and Deltamethrin in a Focus of Coetaneous Leishmaniasis after Earthquake Strike in Bam, Iran. 7th International Symposium on Phelebotominae Sand flies. Kusadasi, Turkey.
2. **Aghaei Afshar A**, Oshaghi MA, Gorouhe A. 2006. Y-Chromosome dimorphism in the Malaria vector *Anopheles Stephens* from South IRAN. The 8Th European Congress of Entomology. Turkey.
3. Rasi Y, **Aghaei Afshar A**, Abaei MR. 2006. Epidemiological Aspects of Visceral Leishmaniasis in South of Baft District. 2nd Iranian Congress of Medical Entomology. Tehran University of Medical Sciences. Tehran, Iran.
4. Oshaghi MA, Javadian E, Gorohi A, **Aghaei Afshar A**. 2005. Determination of Sporozoite Rate in *An. maculipennis* Siblings by PCR Methods. Biotechnology Congress, Tehran Iran.
5. Arabzadeh SA, Mollaei H, Zahedi M, **Aghaei Afshar A**. 2005. Seroepidemiology of Anti-HEV IgG in Healthy Men Blood Donors in Kerman. EACID. Iran University of Medical Sciences. Tehran, Iran.
6. Arabzadeh AM, Zahedi MJ, Mollaie HR, Iranmanesh Z, **Aghaei Afshar A**. 2009. Molecular Detection of HGV RNA in Chronic Hepatitis Patients from a Hospital in Kerman, Iran. EACID. Tehran Iran.

Skills:

Language:

- Persian (Native)
- English

Computer and Others:

- Basic IT Skills, Microsoft Word, Power Point, Access, Excel ,ICDL,SPSS

Technical:

- Molecular Biology techniques detecting spontaneous mutations using PCR, PCR-RFLP, HRM, LAMP, SiRNA design and gene silencing
- RNA/DNA extraction ,Real Time PCR, Primer Design ,Molecular test design
- Cell Culture

Honors & Awards:

- The 1nd rank in the MSc entrance exam of Medical Entomology (TUMS, 2002)
- Top student in PhD national examination board & scientific interview (TUMS, 2007)
- Second prize of Iranian medical student's Sport festival (Soccer) (2008)

Research Interests:

Leishmaniasis, Toxicology, Vector Control.

Side Experience:

- Attending a training course on recognition identification mounting and dissection of phlebotomine sand flies.(Turkey, 2011)
- Attending a workshop on Power Lab (TMU, 2008)
- Attending a workshop on HRM and Real Time PCR (KUMS, 2007)
- Attending a workshop on how to publish a scientific journal article (TUMS, 2011)

Research Projects (As Research Assistant):

1. Epidemiological Chains of Coetaneous Leishmaniasis and Impact/Outcome Indicators Following Residual Spraying with Deltamethrin in New Foci of Dehbakri County, Bam District, Kerman Province, 2010-2011. KUMS and TUMS.
2. Determination of Phlebotomus fauna and susceptibility status in Bam, Kerman Iran. 2005. KUMS.

3. The use of Maggot therapy method for treatment of diabetic's lesions. 2005. KUMS.
4. Seroepidemiology of Anti-HEV IgG in Healthy Men Blood Donors in Kerman, 2009. KUMS.
5. Molecular Detection of HGV RNA in Chronic Hepatitis Patients. Iranian Journal of Virology, 2009. KUMS.

Memberships:

- Iranian Society of Medical Entomology (2004-present)