

# CV (*Curriculum Vitae*)

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## Aboozar Soltani

*Associate Professor, Department of Medical Entomology, School of Health,  
Shiraz University of Medical Sciences (SUMS), Shiraz, IRAN*

### A. Personal Information:

**First Name:**Aboozar

**Last Name:**Soltani

**Date of Birth:**1980

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### B. Education:

Degree	Field	Institution	City	Country	Date
Ph.D.	Medical Entomology & Vector control	Tehran Univ. Med. Sci. (TUMS)	Tehran	Iran	2013
M.Sc.	Medical Entomology & Vector control	Tehran Univ. Med. Sci. (TUMS)	Tehran	Iran	2007
B.Sc.	Plant Protection (Agricultural entomology)	Zabol Univ.	Zabol	Iran	2003

### C. Academic Appointments:

<u>Year</u>	<u>Academic Rank</u>	<u>Institution</u>
2018 – Present	Associate Prof. of Medical Entomology	Shiraz Univ. Med. Sci.
2013 – 2018	Assistant Prof. of Medical Entomology	Shiraz Univ. Med. Sci.
2007-2009	Instructor in Medical Entomology.	Hormozgan Univ. Med. Sci.

## D. Publications:

### D.1. Articles:

#### D.I.1. In Persian (with English Abstract):

1-**Soltani A**, Vatandoust H, Jabari H. Implication of expanded polystyrene and shredded waste polystyrene to control *Anopheles spp*, Bandar Abbas and Chabahar, Iran. Journal of Hormozgan University of Medical Sciences. 2009; 13 (3), 149-157.

2-Azizi K, **Soltani A**, Poudat A, Shahi M. Susceptibility of dangerous scorpions of Hormozgan province to WHO recommended insecticides. Journal of Hormozgan University of Medical Sciences. 2010; 14 (1), 5-12.

3- Azizi K, **Soltani A**, Poodat A, Khodadadi M, Yaran M, Hasanvand B. Susceptibility of *Anopheles stephensi* against five current chemical insecticides. Journal of Hormozgan University of Medical Sciences. 2011; 14 (4), 305-311.

4- Azizi K, Poudat A, **Soltani A**, Mehranzadeh M. Fauna and some biologic characteristics of *Anopheles* mosquitoes (Diptera: Culicidae) in malaria high risk regions: Hormozgan Province, 2007-2008. Journal of Hormozgan University of Medical Sciences. 2012; 16 (4), 273-282.

5- **Soltani A**, Motlagh Z, Eftekharian F. Evaluation of scientific outputs of postgraduate students at the School of Health, Shiraz University of Medical Sciences during 2010-2019. Caspian Journal of Scientometrics. 2022 Nov 10;9(2):25-36.

#### D.I.2. In English:

1- **Soltani A**, Vatandoost H, Jabbari H, Mesdaghinia AR, Mahvi AH, Younesian MA, Hanafi-Bojd AA, Bozorgzadeh S, Abai MR, Pakari A, Shabkhiz H. Use of expanded polystyrene (EPS) and shredded waste polystyrene (SWAP) beads for control of mosquitoes. Journal of Arthropod-Borne Diseases. 2008;2(2):12-20.

2- **Soltani A**, Azizi K, Saleh V, Dabaghmanesh T. The fauna and distribution of house dust mites in residential homes of Bandar Abbas District, Southern Iran. Experimental and Applied Acarology. 2011 Jul 1;54(3):269-76.

- 3-**Soltani A**, Vatandoost H, Jabbari H, Mesdaghinia AR, Mahvi AH, Younesian M, Hanafi-Bojd AA, Bozorgzadeh S. Field efficacy of expanded polystyrene and shredded waste polystyrene beads for mosquito control in artificial pools and field trials, Islamic Republic of Iran. *EMHJ* • 2012; Vol. 18 No. 10 .1042-1048.
- 4- Azizi K, **Soltani A**, Alipour H. Molecular detection of *Leishmania* isolated from *cutaneous leishmaniasis* patients in Jask County, Hormozgan Province, Southern Iran, 2008. *Asian Pacific journal of tropical medicine*. 2012 Jul 31;5(7):514-7.
- 5- **Soltani A**, Vatandoost H, Oshaghi MA, Enayati AA, Raeisi A, Eshraghian MR, Soltan-Dallal MM, Hanafi-Bojd AA, Abai MR, Rafi F. Baseline susceptibility of different geographical strains of *Anopheles stephensi* (Diptera: Culicidae) to temephos in malarious areas of Iran. *Journal of arthropod-borne diseases*. 2013 Jun 1;7(1):56.
- 6- Saleh V , **Soltani A**, Dabaghmanesh T , Alipour H , Azizi K. Mass Rearing and Life Table Attributes of Two Cyclorrhaphan Flies, *Lucilia sericata* Meigen (Diptera: Calliphoridae) and *Musca domestica* L.(Diptera: Muscidae) under Laboratory Conditions. *Journal of Entomology*. 2014;11(5):291-8.
- 7-Azizi K, Moemenbellah-Fard MD, Khosravani-Shiri M, Fakoorziba MR, **Soltani A**. Lethal and Residual Effects of Lambda-cyhalothrin, Deltamethrin and Cyfluthrin Insecticides on Adult Mosquitoes of *Anopheles stephensi* Liston (Diptera: Culicidae) on Different Surfaces. *Journal of health sciences and surveillance system*. 2014 Jan 1;2(1):30-5.
- 8- **Soltani A**, Vatandoost H, Oshaghi MA, Ravasan NM, Enayati AA, Asgarian F. Resistance Mechanisms of *Anopheles stephensi* (Diptera: Culicidae) to Temephos. *Journal of arthropod-borne diseases*. 2015 Jun;9(1):71.
- 9- Ebrahimi M, Azizi K, Moemenbellah-Fard M.D, Fakoorziba M.R, **Soltani A**. Morphometry indices of the black fat-tailed scorpion *Androctonus crassicauda* (Scorpiones Buthidae), from Fars Province, Southern Iran.. *Journal of Entomology*. 2015; 12(1), 39-47.
- 10-Moemenbellah-Fard MD, Keshavarzi D, Fereidooni M, **Soltani A**, Gholamzadeh S, Montazeri M, Soltani Z. First case report of *Calliphora vicina* (Diptera: Calliphoridae) on an outdoor human corpse with an estimation of postmortem interval from Iran. *J Entomol Zool Stud*. 2015;3(3):400-2.

- 11- Dabaghmanesh T, Asgari Q, Moemenbellah-Fard MD, **Soltani A**, Azizi K. Natural transovarial and transstadial transmission of leishmanial infantum by naïve *Rhipicephalus sanguineus* ticks blood feeding on an endemically infected dog in Shiraz, south of Iran. *Trans R Soc Trop Med Hyg.* **2016** Jul 1;110(7):408-13.
- 12- Nazari M, Taravatmanesh G, Kaveh MH, **Soltani A**, Ghaem H. The Effect of Educational Intervention on Preventive Behaviors towards Cutaneous Leishmaniasis at Kharameh City in 2014. *Shiraz E-Medical Journal.* **2016**;17(10). :e39957.
- 13- Keshavarzi D, Soltani Z, Ebrahimi M, **Soltani A**, Nutifafa GG, Soltani F, Faramarzi H, Amraee K, Hassanzadeh A. Monthly prevalence and diversity of mosquitoes (Diptera&58; Culicidae) in Fars Province, Southern Iran. *Asian Pacific Journal of Tropical Disease.* **2017** Jan 1;7(2):112-20.
- 14- Fakoorziba MR, Assareh M, Keshavarzi D, **Soltani A**, Moemenbellah-Fard MD, Zarenezhad M. First record of *Necrobia rufipes* (De Geer, 1775) (Coleoptera: Cleridae) from Khuzestan Province, southwest of Iran, a beetle species of forensic importance. *Journal of Coastal Life Medicine.* **2017**;5(4):179-81.
- 15- Soltani Z, Keshavarzi D, Ebrahimi M, **Soltani A**, Moemenbellah-Fard MJ, Soltani F, Faramarzi H, Amraee K, Elyasigomari A. The fauna and active season of mosquitoes in west of Fars Province, Southwest of Iran. *Archives of Razi Institute.* **2017**;72(3):203-8.
- 16- Zamani A, Hosseinpour A, Azizi K, **Soltani A**. A new species of the jumping spider genus *Evarcha* (s. lat.) from southwestern Iran (Araneae: Salticidae). *Peckhamia.* **2017**;150:1-5.
- 17- Fakoorziba MR, Assareh M, Keshavarzi D, **Soltani A**, Moemenbellah Fard MD, Zarenezhad M. New Record of *Sarcophaga ruficornis*, Fabricius, 1794 (Diptera: Sarcophagidae) from Iran, A Flesh Fly Species of Medical and Forensic Importance. *Journal of Forensic Sciences & Criminal Investigation.* **2017**;3(1): 555-602.
- 18- Turki H, **Soltani A**. Semi-field and field studies on the efficacy of monomolecular surface film (Agnique®) against immature mosquitoes in the malarious areas of Iran. *Asian Pac J Trop Dis.* **2017**;7(8):472-6.
- 19- **Soltani A**, Vatandoost H, Oshaghi MA, Enayati AA, Chavshin AR. The role of midgut symbiotic bacteria in resistance of *Anopheles stephensi* (Diptera: Culicidae) to organophosphate insecticides. *Pathogens and global health.* **2017** Aug 18;111(6):289-96.

- 20- Fakoorziba MR, Assareh M, Keshavarzi D, **Soltani A**, Moemenbellah-Fard MD, Zarenezhad M. *Saprinus planiusculus* (Motschulsky ,1849)(Coleoptera: Histeridae), a beetle species of forensic importance in Khuzestan Province, Iran. *Egyptian journal of forensic sciences*. 2017 Dec 1;7(1):11.
- 21- Moemenbellah-Fard MD, Keshavarzi D, Fereidooni M, **Soltani A**. First survey of forensically important insects from human corpses in Shiraz, Iran. *Journal of forensic and legal medicine*. 2018 Jan 3;51(1): 62-68.
- 22- Shahriari-Namadi M, Tabatabaei HR, **Soltani A**. Entomophobia and Arachnophobia Among School-Age Children: A Psychological Approach. *Shiraz E-Medical Journal*. 2018;19(7).
- 23- Kalantari M, Motazedian MH, Asgari Q, Soltani Z, **Soltani A**, Azizi K. Bionomics of phlebotomine sand flies species (Diptera: Psychodidae) and their natural infection with *Leishmania* and *Crithidia* in Fars province, southern Iran. *Journal of Parasitic Diseases*. 2018 Dec 1;42(4):511-8.
- 24- Shahriari-Namadi M, Ghasemi T, **Soltani A**. Evaluation of Team Teaching Method Efficiency in Postgraduate Students and Professors of Shiraz Health School, 2017. *Jentashapir Journal of Health Research*. 2018;9(5).
- 25- Kalantari M, Motazedian MH, Asgari Q, Mohammadpour I, **Soltani A**, Azizi K. Co-detection and isolation of *Leishmania* and *Crithidia* among naturally infected *Tatera indica* (Rodentia: Muridae) in Fars province, southern Iran. *Asian Pacific Journal of Tropical Biomedicine*. 2018 May 1;8(5):279.
- 26- Saki E, **Soltani A**, Moemenbellah-Fard MD, Kalantari M, Dorzaban H, Azizi K. Comparison of fipronil-impregnated bait and integrated vector management (IVM) in the control of zoonotic cutaneous leishmaniasis in an endemic focus of Fars province, southern Iran during 2016 to 2017. *Journal of Health Sciences & Surveillance System*. 2018 Jan 1;6(1):2-7.
- 27- Turki H, **Soltani A**. Follow-Up and Monitoring of Malaria Treated Cases Toward Malaria Elimination Program in Bashagard District, Hormozgan Province, Iran, in 2016. *Jundishapur Journal of Microbiology*. 2019 Feb 1;12(2).
- 28- Torabpour S, **Soltani A**, Sadeghi S, Dabaghmanesh T, Kalantari M, Azizi K. The first detection of *Amblyomma hebraeum* (Acarina: Ixodidae) in Iran. *Veterinary Parasitology: Regional Studies and Reports*. 2019 Apr 1;16:100276.
- 29- Hosseinpour A, Turki H, **Soltani A**. Laboratory and semi-field evaluation of *Bacillus thuringiensis* (Bioflash®) against *Anopheles stephensi* (Diptera: Culicidae) in an endemic malarious area of Iran. *Journal of Kerman University of Medical Sciences*. 2019;26(2):145-51.

- 30- Mohammadi J, Faramarzi H, **Soltani A**. Mass infestation of a rural residential area with millipede larvae: A case report. *Journal of Health Sciences and Surveillance System*. 2019 Jan 1;7(1):48-50.
- 31- Azizi K, **Soltani A**, Ali Amiri S, Fakoor Ziba MR, Moemenbellah-Fard MD. Laboratory and semi-field evaluations on lethal and residual effects of temephos and pyriproxyfen insecticides to control malaria mosquito larvae, *Anopheles stephensi* Liston. *Journal of Health Sciences & Surveillance System*. 2019 Jan 1;7(1):40-7.
- 32-Adeli-Sardou M, Azizi K, **Soltani A**, Moemenbellah-Fard MD. First record of hard tick species, *Hyalomma marginatum marginatum* and *H. marginatum rufipes* (Acari: Ixodidae), as probable vectors of Crimean-Congo hemorrhagic fever virus, from the spur-thighed tortoise, *Testudo graeca* (Reptilia: Testudinidae), SE Iran. *Persian Journal of Acarology*. 2019 Jul 15;8(3).
- 33- Mohammadi J, **Soltani A**. Epidemiologic Profile of Cutaneous Leishmaniasis Between 2010-2016 in an Endemic Area of Fars Province, South Iran. *Shiraz E-Medical Journal*. 2019 20(9):e86445. doi: [10.5812/semj.86445](https://doi.org/10.5812/semj.86445).
- 34- Shahriari-Namadi M, Azizi K, Moemenbellah-Fard MD, **Soltani A**. Epidemiologic study of the factors affecting the incidence of asthma and allergies with emphasis on arthropod allergens in the patients referring to Imam Reza Clinic of Asthma and Allergy in Shiraz, 2016. *Scientific Journal of Kurdistan University of Medical Sciences*. 2019 Oct 10;24(4):68-85.
- 35- Hosseinpour A, Zamani A, Azizi K, Moemenbellah-Fard MD, **Soltani A**. Survey of spiders (Arachnida: Araneae) in southwestern Iran, with new records. *Ecologica Montenegrina*. 2019 Oct 10;22:204-13.
- 36- Kalari H, **Soltani A**, Azizi K, Faramarzi H, Moemenbellah-Fard MD. Comparative efficacy of three pediculicides to treat head lice infestation in primary school girls: a randomised controlled assessor blind trial in rural Iran. *BMC dermatology*. 2019 Dec 1;19(1):13.
- 37- Rashid G, **Soltani A**, Eftekhar E, Shafiei R, Turki H. Immigrants: Big challenge and silent threat to implement malaria elimination program in Hormozgan province, Iran. *Jundishapur Journal of Microbiology*. 2020;13(1).
- 38- Akbarzadeh M, **Soltani A**, Moemenbellah-Fard MD, Khoshnoud MJ, Azizi K. Larvicidal, repellent and histopathologic effects of *Citrullus colocynthis* against the malaria vector. *Toxicological & Environmental Chemistry*. 2020; 1-17.

- 39- Shafiei A, Moemenbellah-Fard MD, Azizi K, Nabavizadeh SH, Dabaghmanesh T, **Soltani A**. Prevalence of allergenic arthropods in domestic dwellings of referrals to an asthma and allergy clinic in the Islamic Republic of Iran. *East Mediterr Health J*. 2020;26(5):586–593. <https://doi.org/10.26719/emhj.19.087>
- 40- Izadpanah L, Alipour H, Shahriari-Namadi M, Azizi K, Kalantari M, **Soltani A**, Bagheri M. Morphological Identification of Leishmaniasis Vectors and Their Species Diversity in Fars Province, Southern Iran. *Journal of Health Sciences & Surveillance System*. 2020 Jul 1;8(3):135-9
- 41- Hosseinpour A, Maddahi H, Azizi K, **Soltani A**. New data on the camel spider fauna of Iran (Arachnida: Solifugae), Part I. Kohgilouyeh & Boyer Ahmad Province. *Iranian Journal of Animal Biosystematics*. 2020 Jun 1;16(1):69-76.
- 42- Kalantari M, Motazedian MH, Asgari Q, **Soltani A**, Mohammadpour I, Azizi K. DNA-based detection of Leishmania and Crithidia species isolated from humans in cutaneous and post-kala-azar dermal leishmaniasis from Shiraz and Kharameh, southern Iran. *Journal of Vector Borne Diseases*. 2020 Jan 1;57(1):52.
- 43- Hoseini Z, Alipour H, Azizi K, **Soltani A**. Molecular-based Survey of and in Mosquitoes (Diptera: Culicidae) from Fars Province, Southern Iran, during 2017-18. *The Open Microbiology Journal*. 2020 Dec 15;14(1).
- 44- Soltan-Alinejad P, Vahedi M, Turki H, **Soltani A**. A comprehensive entomological survey and evaluation of the efficacy of different therapies on a suspected delusional parasitosis case. *Brain and Behavior*. 2021 Jan;11(1):e01945.
- 45- **Soltani A**, Jamalidoust M, Hosseinpour A, Vahedi M, Ashraf H, Yousefinejad S. First molecular-based detection of SARS-CoV-2 virus in the field-collected houseflies. *Scientific Reports*. 2021 Jul 6;11(1):13884.
- 46- Turki H, Shekari M, **Soltani A**. A Comprehensive Survey of Asymptomatic Malaria Cases in an Endemic Focus in Iran: A Successful Experience on the Road to Eliminate Malaria. *Archives of Clinical Infectious Diseases*. 2021 Jun 30;16(3).
- 47- **Soltani A**, Hoseini Z, Azizi K, Alipour H. A faunal study on medically important mosquitoes (Diptera: Culicidae) in Qir and Karzin from Fars province, southern Iran, during 2017-18. *Journal of Entomological and Acarological Research*. 2021 Aug 6;53(2).



- 48- Soltan-Alinejad P, **Soltani A**. Vector-borne diseases and tourism in Iran: current issues and recommendations. *Travel Medicine and Infectious Disease*. 2021 Sep 1;43:102108.
- 49- **Soltani A**, Borouji F, Abdollahi S, Pourtabatabaei AS. A Systematic Review of the Arthropod-Borne Rickettsial Diseases with a Special Emphasis on Iran. *Journal of Health Sciences & Surveillance System*. 2021 Oct 1;9(4):208-17.
- 50- Ghahvechi Khaligh F, Djadid ND, Farmani M, Asadi Saatlou Z, Froozian S, Abedi Astaneh F, Farnoosh F, Sofizadeh A, Naseri F, Adib D, Taheri M, Lalehzari E, Pashaei S, Soltanbeiglou S, **Soltani A**, Khooban H, Abbasi E, Aivazi AA, Saeedi S, Taghilou B, Jafari A, Dashti Khavidak K, C Toloza A, Gholizadeh S. Molecular monitoring of knockdown resistance in head louse (Phthiraptera: Pediculidae) populations in Iran. *Journal of medical entomology*. 2021 Nov 9;58(6):2321-9.
- 51- Khosrotaj MH, Rakhshani T, Nazari M, Gheibi Z, **Soltani A**. Epidemiological and clinical features of cutaneous leishmaniasis and its time trend model in a high-endemic focus of disease in the southwest of Iran from 2014 to 2019. *Transactions of The Royal Society of Tropical Medicine and Hygiene*. 2022 Jun 1;116(6):538-44.
- 52- Jaberhashemi SA, Azari-Hamidian S, **Soltani A**, Azizi K, Dorzaban H, Norouzi M, Daghighi E. The Fauna, Diversity, and Bionomics of Culicinae (Diptera: Culicidae) in Hormozgan Province, Southern Iran. *Journal of Medical Entomology*. 2022 May;59(3):987-96.
- 53- Ghasvand K, Soltanian N, Naghshzan M, Pouladian S, Hoseinpour A, **Soltani A**. The effects of chemicals used for suicide on insect succession, diversity and development: an animal model. *Indian Journal of Forensic Medicine & Toxicology*. 2022;16(1):709-19.
- 54- Dorzaban H, **Soltani A**, Alipour H, Hatami J, Jaberhashemi SA, Shahriari-Namadi M, Paksa A, Safari R, Talbalaghi A, Azizi K. Mosquito surveillance and the first record of morphological and molecular-based identification of invasive species *Aedes (Stegomyia) aegypti* (Diptera: Culicidae), southern Iran. *Experimental Parasitology*. 2022 May 1;236:108235.
- 55- Hosseinpour A, Jaberhashemi SA, Vahedi M, **Soltani A**. New Record of Spiders (Arachnida: Araneae) from Bashagard District, Southern Iran, with the Report of a Medically Important Species. *Journal of Tropical Medicine*. 2022 May 26;2022.
- 56- Soltan-Alinejad P, Alipour H, **Soltani A**, Asgari Q, Ramezani A, Mehrabani D, Azizi K. Molecular Characterization and In Silico Analyses of Maurolipin Structure as a Secretory Phospholipase A2



(sPLA2) from Venom Glands of Iranian *Scorpio maurus* (Arachnida: Scorpionida). *Journal of Tropical Medicine* (16879686). 2022 Oct 3.

57- Asgari Q, Zandavi SZ, Moemenbellah-Fard MD, Hosseinpour A, Kalantari M, **Soltani A**. In Vivo and in Vitro Investigations of the Effects of Iranian Honeybee (*Hymenoptera: Apis mellifera*) Venom and Propolis on *Leishmania Major*. *Journal of Health Sciences & Surveillance System*. 2023 Jan 1;11(1):34-41.

## **E. Presentations:**

### **E.I. Domestic Conferences:**

1. 7<sup>th</sup> Iranian Congress of Parasitology [1 Abstracts]; Tehran, 2010.

### **E.II. International Conferences.**

1. "Use of expanded polystyrene (EPS) and shredded waste polystyrene (SWAP) beads for control of mosquitoes". Presented at the 17th International Congress for Tropical Medicine and Malaria (ICTM 2008) to be held in Jeju Island, **South Korea** from September 29 to October 3, **2008**.

2. "Fauna & Bioecology of Sand flies (*Diptera: Psychodidae*) in Jask county, the endemic focus of cutaneous leishmaniasis, Hormozgan province, **2008**". Presented at the 7th International symposium on phlebotomine sandflies, 25-30 April 2011, Kusadasi, **Turkey**.

3. Natural transovarial and transstadial transmission of *Leishmania infantum* in *Rhipicephalus sanguineus* (*Acari: Ixodidae*). Presented at the IX international symposium on phlebotomine sandflies, july 2016. **France**.

4. Pathologic effects of cucurbit plant (*Citrullus colocynthis* L.) on *Anopheles stephensi*, the main vector of malaria in southern Iran. Presented at 1st International Congress on Vector-Borne Diseases and Climate Change. 3-5 December 2017, Tehran. **I.R. Iran**.

5. Arthropods associated with allergic residents of Shiraz, Iran. Presented at 1st International Congress on Vector-Borne Diseases and Climate Change. 3-5 December 2017, Tehran. **I.R. Iran**.

6. Some new records of spiders (aranei) from southwest of Iran, with a new species of the jumping spider genus *Evarcha*. Presented at 1st International Congress on Vector-Borne Diseases and Climate Change. 3-5 December 2017, Tehran. **I.R. Iran.**
7. The first report of *Amblyomma hebraeum* (Acarina: Ixodidae) in Iran. Presented at 1st International Congress on Vector-Borne Diseases and Climate Change. 3-5 December 2017, Tehran. **I.R. Iran.**
8. Comparative efficacy of parasiticide shampoo with dimeticone lotion in the treatment of head lice among primary schoolgirls in Kavar, Fars Province, Iran. Presented at 1st International Congress on Vector-Borne Diseases and Climate Change. 3-5 December 2017, Tehran. **I.R. Iran.**
9. *Rhipicephalus sanguineus* (Acarina: Ixodidae): A probable vector of *Leishmania infantum* under laboratory condition. Presented at 1st International Congress on Vector-Borne Diseases and Climate Change. 3-5 December 2017, Tehran. **I.R. Iran.**
10. Phylogenetic-based study on *Leishmania* and *Crithidia* isolated from human cutaneous leishmaniasis in Fars province, southern Iran during 2016 to 2017. Presented at 2<sup>nd</sup> International Congress of Vector-Borne Diseases & Climate Change. 13-15 November, Shiraz. **I.R. Iran.**
11. First Report of *Aedes aegypti* as a Main Vector of Arboviruses in Southern Iran. Presented at 2<sup>nd</sup> International Congress of Vector-Borne Diseases & Climate Change. 13-15 November, Shiraz. **I.R. Iran.**
12. *Rhipicephalus sanguineus* (Brown Dog Tick), vector of *Leishmania infantum* among Dogs. Presented at 2<sup>nd</sup> International Congress of Vector-Borne Diseases & Climate Change. 13-15 November, Shiraz. **I.R. Iran.**
13. RT-PCR assessment of mosquitoes of the genus *Aedes* for natural infection with the arbovirus causing dengue fever across Hormozgan Province, Iran, during 2017. Presented at 2<sup>nd</sup> International Congress of Vector-Borne Diseases & Climate Change. 13-15 November, Shiraz. **I.R. Iran.**
14. The effect of educational intervention based on PRECEDE-PROCEDURE model on promotion of cutaneous leishmaniasis prevention behaviors among housewives of endemic cutaneous leishmaniasis of Kharameh city. Presented at 2<sup>nd</sup> International Congress of Vector-Borne Diseases & Climate Change. 13-15 November, Shiraz. **I.R. Iran.**
15. A survey of the ectoparasites of mammals and birds in Shiraz zoo, southern Iran. Presented at 2<sup>nd</sup> International Congress of Vector-Borne Diseases & Climate Change. 13-15 November, Shiraz. **I.R. Iran.**

16. Millipede larvae invasion into a rural residential area: a case report. Presented at 2<sup>nd</sup> International Congress of Vector-Borne Diseases & Climate Change. 13-15 November, Shiraz. **I.R. Iran.**

17. A comprehensive entomological survey on a suspected delusional parasitosis case in Shiraz. Presented at 2<sup>nd</sup> International Congress of Vector-Borne Diseases & Climate Change. 13-15 November, Shiraz. **I.R. Iran.**

## **F. Research Projects:**

### **Performed as Supervisor/Principle Investigator**

- 1) **2006:**"Use of expanded polystyrene (EPS) and shredded waste polystyrene (SWAP) beads for control of mosquitoes under laboratory and field conditions (Bandar abbas and chabahar sea ports- Iran)". Tehran University of Medical Sciences(TUMS Grant), Tehran.
- 2) **2007:** "Laboratory and field evaluation of AGNIQUE® (monomolecular surface films) on control of mosquito, Hormozgan province". Hormozan University of Medical Sciences(HUMS Grant), Bandar-abbas.
- 3) **2007:** "A study onthe organophosphate pesticide residuesin some vegetables supplied in the main sale center of fruit and vegetable in Bandar Abbas". Hormozan University of Medical Sciences(HUMS Grant), Bandar-abbas.
- 4) **2008:**"Susceptibility of different strains of german cockroaches that collected from some hospitals of Tehran city to Bendiocarb (Ficam®) and pirimiphos-methyl (Actellic®) insecticides".Tehran University of Medical Sciences(TUMS Grant), Tehran.
- 5) **2010:**"Enzymatic and molecular mechanism/s of temephos (Abate®) resistance in *Anopheles stephensi* (strains Bandar Abbas&Iranshahr) and it's correlation to symbionts".Tehran University of Medical Sciences(TUMS Grant), Tehran.
- 6) **2015:**"Identification of most important allergen arthropods in residential places of patients referred to allergy and asthma clinic of Imam Reza, Shiraz 2015". Shiraz University of Medical Sciences(SUMS Grant), Shiraz.
- 7) **2016:**"Study on the fauna and disterbution of spiders (Araneae) and camel spiders (Solifugae) with emphasis on medical importantspecies in Kohgiluyeh and Boyer- Ahmad province". Shiraz University of Medical Sciences(SUMS Grant), Shiraz.
- 8) **2016:**"Taxonomic and molecular study of spiders (Araneae) with emphasis on medical important species in Kohgiluyeh and Boyer- Ahmad province". Shiraz University of Medical Sciences(SUMS Grant), Shiraz.
- 9) **2016:**" Fauna study and distribution map of mosquitoes(Diptera: Culicidae) based on GIS technique in Hormozgan Province, 2016-17". Shiraz University of Medical Sciences(SUMS Grant), Shiraz.

- 10) **2016:** " A study on the effects of venom and propolis of *Apis mellifera* (Hymenoptera: Apidae) on *Leishmania major* by Invitro and Invivo technique". Shiraz University of Medical Sciences(SUMS Grant), Shiraz.
- 11) **2017:** "Prevalence of Entomophobia and Arachnophobia among elementary and high school students in Shiraz, year 2017 ". Shiraz University of Medical Sciences(SUMS Grant), Shiraz.
- 12) **2017:** "Fanustic study of collembolan as a potential bioindicator of the Diazinon pesticides in agro-ecosystem (Vegetable farms) of Shiraz, 2017". Shiraz University of Medical Sciences(SUMS Grant), Shiraz.
- 13) **2017:** Prevalence of Entomophobia and Arachnophobia among elementary and high school students in Shiraz, year 2017
- 14) **2017:** Study on the fauna and distribution of spiders (Araneae) and camel-spiders (Solifugae) with emphasis on medical important species in Bashagard , Hormozgan Province 2017-18
- 15) **2018:** Study on the possible infection of mosquitoes (Diptera: Culicidae) to Rickettsia using PCR technique, Qir and Karzin, Fars Province, 2018
- 16) **2018:** Larvicidal and Repellency effects of volatile compounds and Hydroalcoholic extract of *Dorema aucheri* on *Anopheles stephensi* (Diptera:Culicidae).
- 17) **2018:** Study of the effects of Diazinon, Aluminum phosphide and Nortriptyline on arthropods succession on rabbit carcasses in Shiraz, 2018
- 18) **2018:** Taxonomic and molecular study of spiders (Araneae) with emphasis on medical important species in Kohgiluyeh and Boyer- Ahmad province
- 19) **2019:** Molecular detection of Papatasi fever virus in sandflies of Larestan county, Fars province in 2019
- 20) **2019:** The effects of color and some climatic factors on oviposition rate of mosquitoes under semi-field condition in Shiraz city
- 21) **2019:** Physico-chemical characteristics of larval habitats and biodiversity of mosquitoes in Shiraz, 2019
- 22) **2019:** Study on ectoparasites of laboratory animals in comparative and experimental medicine research center, Shiraz, 2019
- 23) **2020:** A molecular survey on the possibility of mechanical transmission of novel coronavirus (COVID-19) by domestic houseflies (*Musca domestica* Linnaeus)
- 24) **2020:** A study on some epidemiologic factors of cutaneous leishmaniasis in Dezful city during 2011-2018

### **Performed as Co-Researcher**

- 1) The survey of infection rate of dominant sand flies in selected regions of Fars province to the *Wolbachia*(spp.) in 97-98
- 2) Investigation of the natural infection of Dengue virus in *Aedes* Mosquitoes collected from Hormozgan Province using RT-PCR assay, 2016

- 3) Study of crithidial infection in vectors, reservoirs, and human infections of cutaneous leishmaniasis in Shiraz and Kharameh cities of Fars province
- 4) Surveys identification and relationship between bacterial symbionts and markers of molecular resistance (kdr, AChE) in human lice (pediculidae) from Fars province
- 5) Faunistic study on venomous Arachnida in Assaluyeh city of Bushehr province and Parsian city of Hormozgan province in 2019-2020.
- 6) Production of Netrin-1, recombinant protein of reared *Lucellia sericata* larvea in an insect cell line SF9 , and its evaluation by ELISA as a potential for chronic wounds healing
- 7) Characterization, expression and Production recombinant protein of phospholipase A2 coding gene in Irania scorpion, *Scorpio maurus* and investigation of its leishmanicidal activity against *Leishmania major*
- 8) Investigation on The fauna of Sandflies ( Diptera : Psychodidae) and vectors of cutaneous leishmaniasis using molecular methods,in bastak district, Hormozgan province in 2018.
- 9) comparison f the larvicidal and repellency effect of extracts and silver nanoparticles biosynthesized with shirazi thyme (*Zataria multiflora*) on *Anopheles stephensi*
- 10)Investigating the Infestation of Hard Ticks (Ixodidae) Vectors of CCHF viruses in the South of Kerman province 2016
- 11)Epidemiologic indices and comparative efficacy of Parasidose shampoo and Dimeticone lotion with Permethrin shampoo in the treatment of head lice among elementary school girls in the county of Kavar, Fars province, 2017
- 12)Fauna and seasonal activity of sand flies and prevalence of Crithidia in vectors and humans suspected of cutaneous leishmaniasis lesions in high-risk areas of Abarkouh district, Iran, in 2016
- 13)Determine of Arthropods succession pattern on the body of a white rat (Rat Wistar) in the city of Ahvaz in the first 4 months of 2016

## **G. Trainings Passed:**

### **Workshops:**

- 2008 2 Days "Problem-based learning (PBL) ", HUMS, Bandar Abbas, Iran.
- 2008 2 Days "Counseling skills with students", HUMS, Bandar Abbas, Iran.
- 2008 2 Days "Quality Researches in Medicad Sciences", HUMS, Bandar Abbas, Iran.
- 2008 2 Days "Oral Presentation", HUMS, Bandar Abbas, Iran.
- 2008 2 Days "Poster Presentation", HUMS, Bandar Abbas, Iran.
- 2008 2 Days "scientific Writing", HUMS, Bandar Abbas, Iran.
- 2009 2 Days "Introduction to Digital Library", HUMS, Bandar Abbas, Iran.
- 2009 2 Days "Action Research ", HUMS, Bandar Abbas, Iran.
- 2009 3 Days "Malaria Deletion Program", Kish Island, HUMS, Iran.

2009 4 Days "Medical Journalism", HUMS, Bandar Abbas, Iran.  
2010 3Days "Methods of Teaching & Education Strategies", TUMS, Tehran, Iran.  
2012 2 Days "Teaching Methods & educational Design", SUMS, Shiraz, Iran.  
2012 2Days "Course Plan",SUMS, Shiraz, Iran.  
2013 4 Weeks "Statistical softwares (SPSS, Graphpad Prism, Med Calc) ", HUMS, Bandar Abbas, Iran.  
2014 1 Days "Innovation", SMS, Shiraz, Iran.  
2014 2 Days "Sampling and Research Methods", SUMS, Shiraz, Iran.  
2015 4 Weeks "The Online Learning Teaching Techniques", SUMS, Shiraz, Iran.  
2016 1 Months " E-learning methods course", SUMS, Shiraz, Iran.

## **H. Experience:**

### **H.I. Teaching:**

**2007-2009:** "Principles of Medical Entomoly, General Toxicology, Morphology & Physiology, Malariology, Arthropods Control techniques, Seminar, Project and field Training" to **B.Sc. students of Medical Entomology**, HUMS, Bandar Abbas, Iran.

**2013-Present:** "Advenced Malariology, Insect Ecology,Medical Entomology and Vector Control, Arthropods Control Methods, Arboviruses, Biological control of insects, Advenced Toxicology, Epidemiology of Arthropod-Borne Diseases, Seminar, Project and field Training" to **M.Sc. Students of Medical Entomology**, SUMS, Shiraz, Iran.

**2013-Present:** "Medical Entomolgy" in "Parasitology" course to **students of Medicine, Laboratory Science,and Midwifery** (A team work), SUMS, Shiraz, Iran.

**2013-Present:** "Medical Entomology and Vector Control " to students of Public Health, SUMS, Shiraz, Iran.

**2016- Present:** "Principles of Medical Entomoly, General Toxicology, Morphology & Physiology of insects, Malariology (Introductory), Arthropods Control techniques, Seminar, Project and field Training" to **B.Sc. students of Medical Entomology**, SUMS, Shiraz, Iran.

**2017-Present:** "Genetic Control of Insect pests, quantitative insect ecology and Integrated Vector Management " to **Ph.D. students of Medical Entomology**, SUMS, Shiraz, Iran.

### **H.II. Practical:**

1. DNA Isolation, PCR technique.
2. Identification of Malaria vectors.

3. Molecular and biochemical assays for identification of mechanisms of resistance to pesticides.
4. Bioassay techniques for evaluating pesticides against vectors.

## **I. Students Supervised:**

**1.Supervisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “Fauna study and distribution map of mosquitoes(Diptera: Culicidae) based on GIS technique in Hormozgan Province, 2016-17”. School of Health, Shiraz University of Medical Sciences (In process).

**2.Supervisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “Identification of most important allergen arthropods in residential places of patients referred to allergy and asthma clinic of Imam Reza, Shiraz 2015”. School of Health, Shiraz University of Medical Sciences.

**3.Supervisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “Study on the fauna and distribution of spiders (Araneae) and camel spiders (Solifugae) with emphasis on medical important species in Kohgiluyeh and Boyer- Ahmad province”. School of Health, Shiraz University of Medical Sciences.

**4.Supervisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “ A study on the effects of venom and propolis of *Apis mellifera* (Hymenoptera: Apidae) on *Leishmania major* by Invitro and Invivo technique”. School of Health, Shiraz University of Medical Sciences.

**5.Supervisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “ Fanastic study of collembolan as a potential bioindicator of the Diazinon pesticides in agro-ecosystem (Vegetable farms) of Shiraz, 2017 ”. School of Health, Shiraz University of Medical Sciences.

**6.Advisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “Surveys of Culicinae mosquitoes with emphasis on detection of dengue fever virus in these vectors in the Hormozgan Province, Iran ”. School of Health, Shiraz University of Medical Sciences.

**7.Advisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “Forensic insects faunal survey on human corpses at autopsy in legal medicine of Shiraz, Iran, during 2014-15”. School of Health, Shiraz University of Medical Sciences.

**8.Advisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “A study on the possibility of transovarial and transstadial transmission of *leishmanial infantum* by naïve *Rhipicephalus sanguineus* ticks, Shiraz, south of Iran”. School of Health, Shiraz University of Medical Sciences.



**9. Advisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “Larvicidal and repellent activity of *Citrullus colocynthis* extracts against malaria vector *Anopheles stephensi*”. School of Health, Shiraz University of Medical Sciences.

**10. Advisor** of M.Sc. thesis in Health Education entitled “The effect of educational intervention on predisposing, strengthening and enabling factors in the prevention of leishmaniasis in the households of Karama city, Iran”. School of Health, Shiraz University of Medical Sciences.

**11. Advisor** of M.Sc. thesis in Medical Entomology and Vector Control entitled “Identification of ectoparasites of mammals and birds in Shiraz zoo and determination of anthropophilic index of blood-sucking species”. School of Health, Shiraz University of Medical Sciences.

### **J. Scientific-Executive Records:**

2018 (September)- Present: Vice Dean for Research and Technology Affairs, Health school, Shiraz University of Medical Sciences.

2015 (January)- 2018 (August): Vice Dean for Financial Affairs, Health school, Shiraz University of Medical Sciences.

2015 (November)- Present: Member of Research Center for Health Sciences. Shiraz University of Medical Sciences, Iran.

2014 (March)-2015 (January): Vice Dean for Postgraduate Affairs, Health school, Shiraz University of Medical Sciences, Iran.

### **K. Honors, Awards and Inventions:**

1. Prominent student in Msc Course, Zabol University, Zabol, 2003.

2. Ranked One in M.Sc. Degree, Tehran University of Medical Sciences, Tehran, 2007

3. Ranked One in Ph.D. National Entrance Exam, Tehran University of Medical Sciences, Tehran, 2008.

4. "Postgraduate Scholarship"; Ministry of Health and Medical Education, 2008-2013

5. Ranked One in Ph.D. Degree, Tehran University of Medical Sciences, Tehran, 2013.

6. The best teaching professor of the university, Shiraz University of Medical Sciences, Shiraz, 2017.

7. The top researcher of the faculty in the field of relationship and collaboration between university and industrial companies, Shiraz University of Medical Sciences, Health school, Shiraz, 2021.

8. The top research professor of the university, Shiraz University of Medical Sciences, Shiraz, 2022.

## **L. Professional Memberships:**

2005- Present: Iranian Society of Medical Entomology.

2010- Present: Entomological Society of America (ESA).

2013- Present: Iranian Society of Entomology.

2015- Present: Research Center for Health Sciences. Shiraz University of Medical Sciences, Iran.

## **M. Research Interests:**

1. Vector biology and ecology.
2. Malaria Vectors.
3. Molecular Studies of Medical Importance Insects.
4. Study on mechanisms of resistance to insecticide.
5. Bioassay research.
6. Vector Control

## **N. Cultural & Social Activities:**

1. Participation in National & International Scientific Conferences and Seminars as Audience and Lecturer.
2. Studying about psychology and poem.
3. Translation of Entomological specific Texts.
4. Play volleyball.
5. Playing Traditional Music.
6. Painting

## **O. Referees:**

**Prof. Hasan Vatandoost**

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**Prof. Mohamad Ali Oshaghi**

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