

Curriculum Vita

Personal/Social Information:

Name: Vahideh Moin –Vaziri
Academic Rank: Assistance Professor
School: Medicine
Address: Department of Parasitology and
Mycology, School of Medicine,
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Education/Qualifications:

۱۹۹۲-۱۹۹۶: B.Sc. (First Class Hons), in Agriculture Engineering, Plant Pathology, Shiraz University, Iran

۱۹۹۷-۲۰۰۰: M.S.P.H. (First Class Hons), in Medical Entomology and Vector Control, School of Public Health & Institute of Public Health Research , Tehran University, Tehran, Iran.

۲۰۰۰-۲۰۰۶: Ph.D. (First Class Hons), in Medical Entomology and Vector Control, School of Public Health & Institute of Public Health Research , Tehran University, Tehran, Iran.

Teaching experience:

- Medical entomology (for the students of MSPH)
- Medical entomology (for medicine and pharmacology students)
- Advanced Leishmaniasis (MSPH students of medical entomology)
- Epidemiology and control of parasitic disease (for MSPH students)
- Rodents from medical point of view (For medicine students)
- Introduction to arboviruses (For medicine students)
- Use of arthropod in medicine (For medicine students)
- Director of seminar and thesis of MSPH students
- Physiology of Parasite (PhD students)
- Apprenticeship (MSPH students)

Social & Scientific Activities:

- Member of Iranian Medical Entomology Association
- Member of Entomological Society of Iran.
- Member of Parasitology Society of Iran
- SSI member (South initiative for tropical disease research)
- Editorial board of International J. of Medicine and Medical sciences
- Consultant and reviewer of Iranian J. of Arthropod Borne diseases
- Consultant and reviewer of Iranian Journal of Parasitology
- Editorial board of Pajouda
- Member of education committee of Department of Parasitology and Mycology School of Medicine, Shahid Beheshti University of Medical Sciences and Health
- Member of reform committee in medicine education
- Member of executive committee of 4th congress of laboratory and clinic

Language skill:

- Persian (mother language)
- English
- French

Research Interests:

Insect molecular biology, Medical entomology, Molecular Epidemiology of Leishmaniasis, Malaria and Toxicology

Awards:

- Third awards of 11th Razi **festival** for MSPH thesis
- Third awards of 13th Razi festival for PhD thesis
- First class Hons in **BS, MSPH and PhD**

Skills and experiments:

- 1- Computer skills on soft ware such, SPSS, Word processing, PowerPoint and Perfect image.
- 2- Molecular biology techniques such as DNA extraction methods, PCR, RFLP, RAPD.
- 3- Six months molecular biology training program in the field of Leishmaniasis vectors in France, Reims University.
- 4- Two weeks Educational method workshop in Tehran University (2001).
- 5- Two weeks Research methodology workshop in Tehran University (2001).
- 6- One month field training program in vector borne disease and vector control, Tehran University (2000).
- 7- Two weeks training on bioinformatic in 3rd Training Course on Bioinformatics and Functional Genomics Applied to Insect Vectors of human Diseases , sponsored by NICEF/UNDP/World Bank/WHO(TDR) in Mahidol University, Thailand,(October, 2006).
- 8- Two days workshop on scientific writing I & II (Advanced Scientific Writing). (February, 2006).
- 9- Training course on recognition, identification, mounting and dissection of Phlebotominae sand flies during international symposium on Phlebotominae sand flies 20-30 April 2011-Kausadasi, Turkey.
- 9-Endnote workshop

Publications:

- ۱- Vatandoost H. and **V. Moin-Vaziri**. ۱۹۹۹. Comparative toxicities of four WHO recommended larvicides against lab strain of *Anopheles stephensi* in Iran. Iranian J. Public Health. ۲۸:۲۲-۳۱.
- ۲- Vatandoost H. and **V. Moin-Vaziri**. ۲۰۰۴. Larvicidal activity of a Neem tree extract (Neemarin) against mosquito larvae in the Islamic Republic of Iran. Eastern Mediterranean Health Journal. ۱۰ (۴/۵): ۱-۹.
- ۳- **Vahideh Moin-Vaziri**, Jérôme Depaquit, Mohammad-Reza Yaghoobi-Ershadi, Mohammad-Ali Oshaghi, Pupak Derakhshandeh-Peykar, Hubert Ferte, Mathieu Kaltenbach, Maria Dolores Bargues, Nicole Leger, Aboulhassan Nadim. (۲۰۰۷). Intraspecific variation within *Phlebotomus sergenti* Parrot, ۱۹۱۷ (Diptera: Psychodidae) based on mtDNA sequences in Islamic Republic of Iran. Acta Trop. ۲۷
- ۴- **Vahideh Moin-Vaziri**, Jérôme Depaquit, Mohammad-Reza Yaghoobi-Ershadi, Mohammad-Ali Oshaghi, Pupak Derakhshandeh-Peykar, Hubert Ferte, Mathieu Kaltenbach, Maria Dolores Bargues, Nicole Leger, Aboulhassan Nadim. (۲۰۰۷). Variation between different geographical populations of *Phlebotomus (Paraphlebotomus) caucasicus* (Diptera: Psychodidae) in Iran. Bull Soc Pathol Exot. ۱۰۰(۴): ۲۱۱-۵
- ۵- Jérôme DEPAQUIT, Emmanuel LIENARD, Astrid VERZEAUX-GRIFFON, Hubert FERTÉ, Azzedine BOUNAMOUS, Jean-Charles GANTIER, Hanafi A. HANAFI, Raymond L. JACOBSON, Michele MAROLI, **Vahideh MOIN-VAZIRI**, Frédérique MÜLLER, Yusuf ÖZBEL, Milena SVOBODOVA, Petr VOLF & Nicole LÉGER. (۲۰۰۷). Molecular homogeneity in diverse geographical populations of *Phlebotomus papatasi* (Diptera, Psychodidae) inferred from ND۴ mtDNA and ITS۲ rDNA. Epidemiological consequences. Infect Genet Evol. Dec ۱۴.
- ۶- Mehdi Badakhshan, Javid Sadraei, and **Vahideh Moin-Vaziri (corresponding author)**. morphometric and morphological variation between two different populations of *Phlebotomus major* s.l. from endemic and non-endemic foci of visceral leishmaniasis in Iran. (۲۰۱۱). J. of vector ecology. ۳۶(۱): ۱۵۳-۱۵۸.
- ۷- Mehdi Badakhshan, Javid Sadraei, **Vahideh Moin-Vaziri, (corresponding author)**. The First Report of *Eustigmaeus johnstoni* (Acari: Stigmaeidae) Parasitic Mite of Phlebotominae Sand Flies from Iran. J Arthropod-Borne Dis, June ۲۰۱۲, ۷(۱): ۹۴-۹۸ M.
- ۸- Mehdi Badakhshan, Javid Sadraei, **Vahideh Moin-Vaziri* (corresponding author)**. Comparative Study of Different Methods for Collecting Phlebotominae Sand Flies in Bushehr Province of Iran. Medical Journal of Tabriz University of Medical Sciences. ۲۰۱۲. ۳۴: (۶). (Text in persian).
- ۹- Leila Masoori, **Vahideh Moin-Vaziri**, Farnaz Kheirandish, Behnaz Akhoundi, Ali Haghighi, Latif Gach-kar, Alireza Abadi, Ali Chegeni Sharafi, Mehdi Mohebbi. Sero-Prevalence Study of Visceral Leishmaniasis Using Direct Agglutination Test (DAT) in Children Up to ۱۲ Years Old in Delphan City, Lorestan Province: Introduce A New Focus Of VL In Iran. Medical Journal of Tabriz University of Medical Sciences and Health Services. ۲۰۱۵. ۳۶: (۶): ۶۸-۷۳. (Text in Persian).
- ۱۰- Mahmoodreza Behravan, Homa Hajjarian, Alireza Abadi, Ali Haghighi, Nourina Rahbarian, Amin Amini, Mohammad Hosein Hoobar, Masumeh Khajeh- Farokhi, **Vahideh Moin-Vaziri* (Corresponding author)**. Cutaneous Leishmaniasis In Suspected Refereed Patients to Health Centers Of Varamin And Determination Of Sand Flies Species during ۲۰۱۲-۲۰۱۳. Medical Journal of Tabriz University of Medical Sciences and Health Services. ۲۰۱۵: ۳۷ (۲): ۶-۱۱. (Text in Persian).
- ۱۱- Moniba Alborzi, Reza Shekarriz-Foumani, **Vahideh Moin-Vaziri (Corresponding author)**. The Prevalence of *Pediculus Capitis* among Primary Schools of Shahriar County, Tehran province, Iran, ۲۰۱۴. Novel Biomed. ۲۰۱۶; ۴(۱): ۲۴-۷.
- ۱۲- Alireza Zahraei Ramazani, Dinesh Kumar, Hossein Mirhendi, Shyam Sunder, Rajnikan Mishra, **Vahideh Moin-Vaziri**, Hassan, Soleimani, Mohamad Reza Shirzadi, Reza Jafari, Ahmad Ali Hanafi-Bojd, Mohammad Reza Yaghoobi-Ershadi. Morphological and Genotypic Variations among the Species

of the Subgenus *Adlerius* (Diptera: Psychodidae, *Phlebotomus*) in Iran . Journal of Arthropod-Borne Diseases.

۱۳- **Vahideh Moin-Vaziri**, Mohammad Ali Oshaghi, Mohammad Reza Yaghoobi-Ershadi, Poupak Derakhshandeh-Peykar, Mohammad Reza Abaei, Fatemeh Mohtarami, Ali Reza Zahraei-Ramezani, Aboulhassan Nadim. ITS γ -rDNA Sequence Variation of *Phlebotomus sergenti* sl (Dip: Psychodidae) Populations in Iran. J Arthropod-Borne Dis.

۱۴- Depositing ۱۰۵ sequences of mtDNA and ITS γ including *Phlebotomus sergenti*, *P. similis* , *P. caucasicus* , *P. grimmi* , *P. keshishiani* and *P. major* .

Thesis Supervision:

۱. Second supervisor of MSPH Thesis. (Badakhshasn, M.). Studies on the aspects of different population of *Phlebotomus* (L.) major by using morphological and molecular methods in Miyandoab (Western Azerbaijan) and Dashtestan (Bushehr), Iran. Tarbiat Modares University. ۲۰۱۰.
۲. First Supervisor of MSPH Thesis. (Nakhaei, M.). Effect of topical exudate and gel of *Aloe vera* in the course of *Leishmania major* infection in susceptible BALB/c mice. Department of Parasitology and Mycology, School of Medicine, Shahid Beheshti University of Medical Sciences, ۲۰۱۱.
۳. First Supervisor of MSPH Thesis. (Masoori, L.). Sero-epidemiological study of visceral leishmaniasis in Delfan and Chegeni cities (Lorestan provinc) by DAT.
۴. First supervisor of MSPH thesis. (Behravan M.R.). Identification of *Leishmania* species in patients with cutaneous leishmaniasis and sand flies in Varamin district by PCR-RFLP method.
۵. First supervisor of MSPH thesis. (Farokhi Z.). Polymorphism of reticulocyte binding protein- γ in *Plasmodium vivax* isolates From malaria patients in Sistan & Baluchistan province.
۶. Advisor of PhD thesis. (Naghian A.). Studies on the natural leishmanial infections among different populations of *Phlebotomus alexandri* by using molecular techniques, their morphometrical and genotypical variation in Khuzestan, Fars, Kermanshah and Azarbaijan-e-Sharghi provinces of Iran.

Main director of following proposal:

- Effect of topical exudate and gel of *Aloe vera* in the course of *Leishmania major* infection in susceptible BALB/c mice
- Studies on *Phlebotomus papatasi* as vector of different serotypes of phleboviruses related with sand fly fever in some provinces of Iran
- Study of genetic variation of different morohotypes of *Phlebotomus (Larrossius) major s.l.* in endemic and non-endemic foci of visceral leishmaniasis based on EF- α and rDNA-ITS γ gene
- Identification of *Leishmania* species in patients with cutaneous leishmaniasis and sand flies in Varamin district by PCR-RFLP method.
- Sero-epidemiological study of visceral leishmaniasis in villages of Delfan city by DAT and molecular detection of parasite in sero-positive samples

- Studies on morphometric and genetic variation of different populations of *Phlebotomus alexandri* and their leishmanial infection by molecular method
- Studying on the infection of culicinae mosquitoes (Diptera: Culicidae) with arboviruses by special interest for Flavivirus in selected provinces of Iran

National meetings:

١- Vatandoost H. and V. Moin vaziri. . Comparative toxicities of four WHO recommended larvicides against lab strain of *Anopheles stephensi* in Iran. Proceeding of The National Malaria Congress. May ١٩٩٩.

٢. Vatandoost H. and V. Moin vaziri. Larvicidal activity of a neem tree extract (Neemarin) against mosquito larvae in the Islamic Republic of Iran. Proceeding of The National Biotechnology Congress. August ٢٠٠٠.

٣- Participating in the second Medical Entomology Congress in School of Public Health & Institute of Public Health Research, Tehran University of Medical Sciences, May ٢٠٠٦

٤- Badakhshan, M., Sadraei, J., and Moin-Vaziri V. Morphometric and morphological variation of two populations of *Phlebotomus major s.l.* from endemic and non-endemic foci of visceral leishmaniasis in Iran. Proceeding of the ٧th national and ٢nd regional congress of Parasitology and parasitic diseases in Iran. October ٢٠١٠.

٥- Nakhaei, M., Moin-Vaziri, V., Fata, A., Haghighi A., Iranshahi, M., Abadi, A., Sartavi, K., and Jafari, M. Effect of topical exudate and gel of *Aloe vera* in the course of *Leishmania major* infection in susceptible BALB/c mice. Proceeding of the ٧th national and ٢nd regional congress of Parasitology and parasitic diseases in Iran. October ٢٠١٠.

International meeting:

١- Farnaghi F, **Moin-Vaziri V.**, Mehregan F. Scorpion stings in Tehran –Iran: a review of ٢٨ cases. Asian Pacific Association of Medical Toxicology ٨th Scientific Congress. ٢٠٠٩. Beijing China.

٢- Badakhshan, M., Sadraei, J., **Moin-Vaziri V.** (Corresponding and presenter). Molecular and morphological variation between two populations of *Phlebotomus major s.l.* from endemic and non-endemic foci of visceral leishmaniasis in Iran. Proceeding of ١٧th European Society for Vector Ecology Conference. Wroclaw, Poland, September ٢٠١٠.

٣- Badakhshan, M., Sadraei, J., **Moin-Vaziri V.** (Corresponding and presenter). A forward step to differentiate two morphotypes of *Phlebotomus major s.l.* occurring in northwest and south of Iran based on ITS٢ and EF-١a characters. ٧th International Symposium on Phlebotominae Sandflies, ٢٥-٣٠ April ٢٠١١, Turkey.

٤- L Bichaud, C Alkan, G Piorkowski, E Zhioua, I Bitam, A Izri ١, **V Moin Vaziri**, B Alten, Y Ozbel, OE Kasap, X De Lamballerie ١, RN Charrel. Virus discovery in sandflies, from field studies to phylogenetic tree building: classic methods versus novel methods, what do we need to address public health impact. First Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec): Romania. ٨-١١ April ٢٠١٤

٥- **Vahideh Moin-Vaziri** , Leila Masoori, , Farnaz Kheirandish, Behnaz Akhoundi, Ali Haghighi, Latif Gach-kar, Alireza Abadi, Ali Chegeni Sharafi , Mehdi Mohebbi. Visceral Leishmaniasis in Delphan city, Lorestan province: Introduce a new focus of VL in Iran. Visceral Leishmaniasis in Delphan city, Lorestan province: Introduce a new focus of VL in Iran. Clinical microbiology congress. ٢٠١٤. Spain.