

Curriculum Vitae

Arshad Veysi. Ph.D

Contact Information

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Education

Ph.D.

Medical Entomology and Vector Control, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran, 2017

MSPH

Medical Entomology and Vector Control, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran, 2011

BSc

Medical Entomology , School of Medicine, Hamedan University of Medical Sciences, Hamedan, Iran, 2008

Dissertations

Thesis Title: Comparative study on the rodenticide effect of Coumavec® and Zinc Phosphide on seasonal density of vector and disease prevalence in hyper endemic focus of zoonotic cutaneous leishmaniasis in Esfahan, Iran, 2017

Thesis Title: Identification of *Phlebotomus sergenti* salivary gland antigens and induction of saliva-mediated immune response in human

Employment

1. Faculty member (Assistant Professor), Vice Dean for Research, Kurdistan University of Medical Sciences (MUK), Sanandaj, Kurdistan, Iran, 2018-present.
2. Member of the directory board of zoonoses research center, Kurdistan University of Medical Sciences.

Awards & Honors

Ranked third in national PhD exam of medical entomology, 2012

Ranked third in national MSPH exam of medical entomology, 2009

Ranked first in comprehensive exam in the PhD graduating class, 2016

Ranked second in the MSPH graduating class, 2011

Editorial Board & Reviewing Activities

Referee of Journal of Arthropod-Borne Diseases

Editorial member of Scientific Journal of Kurdistan University of Medical Sciences

Memberships

1. Member of Iranian Society of Parasitology
2. Member of Iranian Society of Medical Entomology
3. Member of Iranian Society of Entomology

Course Teaching

Introductory leishmaniasis, Advanced leishmaniasis , Rodent of medical importance and their control, Entomology and Pesticides application, Vector control, Medical Entomology

Grants & Contracts

Investigator or co-investigator in more than 10 registered research projects in Ministry of Health and Medical Education, IR Iran, School of Public Health at Tehran University of Medical Sciences (TUMS), National Institute for medical research development (NIMAD), Institute for Environmental Research at TUMS, IR IRAN and Kurdistan university of medical sciences

Language Skills

1.Farsi

2. Kurdish (Native language)

2.English (B2)

Skills

1. Computer knowledge

Word, PowerPoint, Excel, Access

Photoshop

ArcGIS 10.3

Endnote

Graph Pad Prism

MEGA series

2. Laboratory techniques

SDS-PAGE

ELISA

Western Blotting (Immunoblotting)

Conventional PCR

Nested-PCR and PCR-RFLP

Real-time PCR

Phlebotomine sandflies rearing

Anopheline and culicinae mosquito rearing

Phlebotomine dissection
Leishmania parasite culture
Handling, injection and dissection of Laboratory animals

3. Experiences

Cloning and maintenance of laboratory animals
Cloning and maintenance of reservoir host of ZCL
Working at entomology museum at TUMS
Establishing Phlebotomine sandflies insectary at MUK
Establishing vector-parasite interaction laboratory at TUMS

Selected publication

1. Sharifi F, Banafshi O, Rasouli A, Ghoreishi S, Saeedi S, Khalesi M, Rezai A, Moradi Asl E, Zareie B, Veysi A, Khodlan N, **Veysi A** (2022) **Biodiversity and Spatial Distribution of Mosquitoes (Diptera: Culicidae) in Kurdistan Province, Western Iran.** Journal of Arthropod-Borne Diseases, 16(4):350-363
2. **Veysi A**, Adnani Sadati J, Fotouhi Ardakani R, Kababian M, Saghafipour A (2021) **Epidemiology of Cutaneous Leishmaniasis due to *Leishmania tropica* through molecular approach in a residential area, Central Iran.** Journal of entomological research. 45 (3): 577-583
3. Moradi M , Mohamadi Bolbanabad A , Ahmadi S , Aghaei A , Bahrami F , **Veysi A**, Nasiri Kalmarzi R, Shokri A , Ghaderi E, Mohsenpour B, Mohammadi A (2021) **Persistence assessment of SARS-CoV-2-specific IgG antibody in recovered COVID-19 individuals and its association with clinical symptoms and disease severity: A prospective longitudinal cohort study.** International Immunopharmacology, 98:107893
4. Rahimi S , Khamesipour A, Akhavan AA, Rafinejad J, Ahmadkhaniha R, Bakhtiyari M, **Veysi A**, Akbarzadeh K (2021) **The leishmanicidal effect of *Lucilia sericata* larval saliva and hemolymph on in vitro *Leishmania tropica*.** Parasites and Vectors, 14(1):,40
5. **Veysi A** , Mahmoudi AR , Yaghoobi-Ershadi MR, Jeddi-Tehrani M, Rassi Y, Zahraei-Ramazani A, Hosseini-Vasoukolaei N, Zareie B, Khamesipour A, Akhavan AA (2020) **Human immune response to *Phlebotomus sergenti* salivary gland antigens in a leishmaniasis-endemic focus in Iran.** Pathogens and Global Health, 114(6): 323-332
6. **Veysi A**, Mahmoudi AR, Yaghoobi-Ershadi MR, Jeddi-Tehrani M, Rassi Y, Zahraei-Ramazani A, Hosseini-Vasoukolaei N, Roshani D, Fatemi M, Khamesipour A, Akhavan AA (2020) **Salivary gland antigens of laboratory-bred *Phlebotomus sergenti* and their immunogenicity in human volunteers in laboratory condition.** Asian Pacific Journal of Tropical Medicine, 13(1): 17-23
7. Fatemi M, Yaghoobi-Ershadi MR, Mohebbali M, Saeidi Z, **Veysi A**, Gholampour F , Akhondi B, Karimi A, Arandian MH, Mir Amin Mohammadi A , Khamesipour A, Akhavan AA (2018) **The potential role of humans in the transmission cycle of *Leishmania major* (Kinetoplastida: Trypanosomatidae), the causative agent of the old world zoonotic cutaneous leishmaniasis.** Journal of Medical Entomology, 55 (6): 1588-1593
8. Karimian F , Vatandoost H , Rassi Y , Maleki-Ravasan N , Choubdar N , Koosha M , Arzamani K, Moradi-Asl E , **Veysi A** , Alipour H , Shirani M , Oshaghi MA (2018) **wsp-based analysis of Wolbachia strains associated with *Phlebotomus papatasi* and**

- P. sergenti (Diptera: Psychodidae) main cutaneous leishmaniasis vectors, introduction of a new subgroup wSerg.** Pathogens and Global Health, 112 (3): 152-160
9. **Veysi A, Yaghoobi-Ershadi M R, Rassi Y, Hosseini-Vasoukolaei N, Jeddi-Tehrani M, Rezaee-Node A, Gholampour F, Saeidi Z., Fatemi M, Arandian MH, Khamesipour A, Akhavan AA (2017) Rearing and biology of *Phlebotomus sergenti*, the main vector of anthroponotic cutaneous leishmaniasis in Iran.** Journal of arthropod-borne diseases, 11(4): 504-514
 10. **Akhavan AA, Veysi A, Arandian MH, Vatandoost H, Yaghoobi-Ershadi MR, Hosseini M, Abdoli H, Heidari K, Sadjadi H, Fadaei R, Ramazanpour J, Aminian K, Shirzadi MR, Jafari R (2014) Field evaluation of phostoxin and zinc phosphide for the control of zoonotic cutaneous leishmaniasis in a hyperendemic area, central Iran.** Journal of vector borne diseases, 51 (4): 307-312
 11. **Veysi A, Vatandoost H, Yaghoobi-Ershadi M R, Jafari R, Arandian MH, Hosseini M, Fadaei R, Ramazanpour J, Heidari K, Sadjadi A, Shirzadi MR, Akhavan AA. Rodenticide comparative effect of Klerat® and zinc phosphide for controlling zoonotic cutaneous leishmaniasis in central Iran.** Iranian journal of parasitology, 11(4):471-479
 12. **Veysi A, Vatandoost H, Arandian MH, Jafari R, Yaghoobi-Ershadi MR, Rassi Y, Akhavan AA (2013) Laboratory evaluation of a rodenticide-insecticide, Coumavec®, against *Rhombomys opimus*, the main reservoir host of zoonotic cutaneous leishmaniasis in Iran.** Journal of Arthropod-Borne Diseases, 7(2): 188-193
 13. **Veysi A, Vatandoost H, Yaghoobi-Ershadi MR, Arandian MH, Jafari R, Hosseini M, Abdoli H, Rassi Y, Heidari K, Sadjadi A, Fadaei R, Ramazanpour J, Aminian K, Shirzadi MR, Akhavan AA (2012) Comparative study on the effectiveness of Coumavec® and zinc phosphide in controlling zoonotic cutaneous leishmaniasis in a hyperendemic focus in central Iran.** Journal of Arthropod-Borne Diseases, 6(1): 18-27

Abstracts and Presentations

1. **Veysi A**, Akhavan AA, Khamesipour A, Yaghoobi-Ershadi MR, Rassi Y, Hosseini-Vasoukolaei N, Jeddi-Tehrani M, Rezaee Node A, Gholampour F, Saeidi Z, Fatemi M, Arandian MH. **The establishment, maintenance and biology of *Phlebotomus sergenti* s.l., in Iran**
1st International Congress on Vector-Borne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology
Location: Tehran, Iran
3-5 December, 2017
2. **Veysi A**, Akhavan AA, Vatandoost H, Yaghoobi-Ershadi MR, Jafari R, Arandian MH, Abdoli H, Hosseini M, Kamal Heidari⁴, Ali Sadjadi⁴, Reza Fadaei⁴, Mohammad Reza Shirzadi. **Field survey on the effectiveness of Klerat® and Zinc phosphide for controlling zoonotic cutaneous leishmaniasis in a hyper endemic focus in central Iran**
1st International Congress on Vector-Borne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology
Location: Tehran, Iran
3-5 December, 2017
3. Fatemi M, Akhavan AA, Yaghoobi-Ershadi, Khamesipour A, M R, Mohebbali M, Saeidi Z, **Veysi A. Assessing the Ovarian Accessory Glands to Determine the Parity of *Phlebotomus papatasi*, Vector of Zoonotic Cutaneous Leishmaniasis, under Laboratory Condition**
1st International Congress on Vector-Borne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology
Location: Tehran, Iran
3-5 December, 2017
4. Naghian A, Yaghoobi Ershadi MR, Oshaghi MA, Moein-Vaziri V, Akhavan AA, Rassi Y, Sedaghat MM, Mostafavi E, Hanafi-Bojd AA, Soleimani H, **Veysi A**, Dehghan H. **Molecular detection of *Leishmania tropica* in naturally infected *Phlebotomus alexandri* from Fars province, southern Iran**
1st International Congress on Vector-Borne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology
Location: Tehran, Iran
3-5 December, 2017
5. Soleimani H, Akhavan AA, Yaghoobi-Ershadi MR, Zahrai Ramazani A, Rassi Y, Jafari R, Mirhendi H, Arandian MH, Ghasemi AA, Abdoli H, **Veysi A**, Saeidi Z, Fadaei R, Ramazanpour J. **Current Status of Cutaneous Leishmaniasis (vector, reservoir host and human infection) in Ardestan city**
1st International Congress on Vector-Borne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology
Location: Tehran, Iran
3-5 December, 2017

6. **Veysi A**, Vatandoost A, Yaghoobi-Ershadi MR, Jafari A , Arandian MH, Hosseini M, Abdoli H, Heidari H, Sadjadi A, Fadaei R, Shirzadi MR, Akhavan AA. **A comparative study on the phostoxin and zinc phosphide effectiveness to the control zoonotic cutaneous leishmaniasis in central Iran**
ISOPS IX, conference
Location: Reims, France
Date: 27 June- 1 July 2016
7. **Veysi A**, Vatandoost H, Yaghoobi-Ershadi MR , Arandian MH , Jafari R, Hosseini M , Abdoli H , Rassi Y, Heidari K , Sadjadi A, Fadaei R, Ramazanpour J , Aminian K, Shirzadi MR , Akhavan AA. **Comparative Study on the Effectiveness of Coumavec® and Zinc Phosphide in Controlling Zoonotic Cutaneous Leishmaniasis in a Hyperendemic Focus in Central Iran**
18th ESOVE conference
Location: Montpellier, France
Date: 8-11 October 2012
8. **Veysi A**, Akhavan AA, Vatandoost H, Yaghoobi-Ershadi MR , Arandian MH , Jafari R, Rassi Y. **Current Status of Zoonotic Cutaneous Leishmaniasis in a Hyperendemic Focus in Central Iran**
24th International Congress on Pediatrics & 10th Congress on Pediatrics Nursing
Location: Children's Medical Center, Tehran- Iran
Date: 11- 15 October 2012.
9. **Veysi A**, Rafinejad J, Abai MR, Ladonni H, Akbarzadeh K. **A study on the immature stages of causative flies of myiasis in Kurdistan province, Iran.**
1st International and 8th National Congress of Parasitology and Parasitic Diseases in Iran
Location: Kerman. Iran
Date: 16-18 October 2012
10. **Veysi A**, Akhavan AA, Khamesipour A, Mahmoudi AR, Yaghoobi-Ershadi MR, Jeddi-Tehrani M, Rassi Y, Zahraei-Ramazani A, Hosseini-Vasoukolaei N, Fatemi M. **Human Immune Response to Phlebotomus sergenti Salivary Gland Antigens in Laboratory Condition.**
2nd International Congress of Climate Change & vector borne Diseases and 4th National Congress of Medical Entomology
Location: Shiraz, Iran
November 2019