



دانشگاه علوم پزشکی ارومیه

دانشکده بهداشت

گروه حشره شناسی پزشکی و مبارزه با ناقلین



مشخصات فردی:

نام: علیرضا

نام خانوادگی: چاوشین

تاریخ تولد: ۱۳۵۷

رشته تحصیلی: حشره شناسی پزشکی و مبارزه با ناقلین

سطح تحصیلات: دکترای تخصصی (Ph.D)

مرتبه علمی: دانشیار

زمینه آموزشی و تحقیقاتی: بیولوژی و سیستماتیک مولکولی ناقلین بیماریها

اپیدمیولوژی بیماریهای منتقله توسط بندپایان

سیستم اطلاعات جغرافیایی در بیماریهای منتقله توسط بندپایان

مکانیسمهای مقاومت به سموم در ناقلین بیماریها

دستکاری ژنتیکی باکتریهای همزیست ناقلین (پاراترانسژنزیس)

برهمکنش ناقلین بیماریها با عوامل بیماریزا

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آدرس:

ارومیه، کیلومتر ۱۱ جاده سرو، پردیس دانشگاه علوم پزشکی ارومیه، دانشکده بهداشت، گروه حشره شناسی پزشکی

کد پستی ۵۷۱۷۸۱۳۹۶۷، تلفن: ۰۴۴ - ۳۲۷۵۲۳۰۰

فکس: ۰۴۴ - ۳۲۷۷۰۰۴۷

سوابق تحصیلی:

مقطع	رشته تحصیلی	زمان تحصیل	محل تحصیل
کارشناسی (نابپوسته)	حشره شناسی پزشکی	۱۳۷۹-۱۳۸۱	دانشگاه علوم پزشکی تهران
کارشناسی ارشد	حشره شناسی پزشکی	۱۳۸۱-۱۳۸۳	دانشگاه علوم پزشکی تهران
دکترای تخصصی	حشره شناسی پزشکی	۱۳۸۶-۱۳۹۰	دانشگاه علوم پزشکی تهران
دوره تکمیلی PhD	دستکاری ژنتیکی	۱۳۹۰	SLU, Sweden

- رتبه برتر آزمون سراسری ورودی کارشناسی نابپوسته
- رتبه دوم آزمون ورودی کارشناسی ارشد (معافیت از خدمت نظام وظیفه با مصوبه مقام رهبری)
- رتبه دوم آزمون سراسری ورودی دکترای تخصصی

سوابق اجرایی:

- معاون آموزشی و پژوهشی دانشکده بهداشت (از تیرماه ۱۳۹۴ لغایت دیماه ۱۴۰۰)
- مدیر گروه حشره شناسی پزشکی و مبارزه با ناقلین (از فروردین ۱۳۹۷ لغایت ۱۳۹۹)
- معاون پژوهشی مرکز تحقیقات عوامل اجتماعی موثر بر سلامت (از ۱۳۹۳ لغایت ۱۳۹۹)
- عضو شورای آموزشی دانشگاه علوم پزشکی ارومیه (از ۱۳۹۴ لغایت ۱۴۰۰)
- عضو شورای پژوهشی دانشگاه علوم پزشکی ارومیه (از ۱۳۹۴ لغایت ۱۴۰۰)
- مشاور شرکت ملی صنایع پتروشیمی در مدیریت HSE (۱۳۸۵ لغایت ۱۳۸۶)

سوابق آموزشی:

استاد نمونه دانشگاه ۱۳۹۴

شرکت در دوره :

Plasmid designing and genetic manipulation of bacteria (plasmid transformation and chromosomal integration), Nov, 2011, Uppsala, Sweden

شرکت در دوره سازمان جهانی بهداشت (WHO):

1st Asian Training course on Biosafety and biosecurity Assesment for Human Health and Environment using genetically Modified Vectors. 2009, Madurai-India

شرکت در دوره سازمان جهانی بهداشت (WHO):

3rd WHO-TDR-Supported Training course on Bioinformatics and Functional Genomics Applied to Insect Vectors of Human Diseases, 2006, Bangkok, Thailand.

ک عضو هیأت علمی دانشگاه علوم پزشکی ارومیه از سال ۱۳۸۶ تاکنون
 ک تدریس دروس تخصصی حشره شناسی پزشکی در مقطع کارشناسی به شرح زیر:

- حشره شناسی پزشکی و مبارزه با ناقلین
- اکولوژی انسانی (مشترک)

ک تدریس دروس تخصصی حشره شناسی پزشکی در مقطع کارشناسی ارشد به شرح زیر:

- حشره شناسی مولکولی
- بیوشیمی آفتکشها
- اپیدمیولوژی بیماریهای منتقله توسط بندپایان
- روش تحقیق
- مالاریا شناسی پیشرفته

سوابق پژوهشی:

ک پژوهشگر برتر استان ۱۳۹۴ (تقدیر از سوی استاندار محترم)

ک جذب گرنت نیماد (۱۳۹۸)

ک جذب گرنت تحقیقاتی اداره بیماریهای وزارت بهداشت

ک جذب گرنت معاونت تحقیقات و فناوری وزارت بهداشت (۲ فقره)

ک پایان نامه برتر کشوری ۱۳۸۵ (تقدیر از سوی وزیر محترم علوم، تحقیقات و فناوری)

ک مجری طرح برگزیده جشنواره علوم پزشکی رازی (تقدیر از سوی ریاست محترم جمهوری وقت)

ک پژوهشگر برتر دانشگاه ۱۳۹۳

ک پژوهشگر فعال دانشگاه ۱۳۹۲

ک عضو هیأت داوران مجلات:

ک

Journal	Indexed in	IF/ CiteScore Quartile	Impact Factor
Reviews in Medical Virology	ISI	Q1	6.98
Frontiers in Microbiology			5.64
Industrial Crops and Products			5.64
Microbial Ecology			4.55
PLOS Neglected Tropical Diseases			4.41
scientific reports			4.37
Systematic Entomology			3.84
BMC Microbiology			3.60
Acta Tropica			3.12
Journal of Medical Entomology			2.27
Environmental Science and Pollution Research		Q2	4.22
PLoS One		3.22	
Epidemiology and Infection		Q3	2.43
Vector-borne and Zoonotic Diseases			2.13
Journal of Vector Borne Diseases			1.68
Journal of Arthropod-Borne Diseases	1.19		

مقالات چاپ شده در مجلات بین المللی و علمی - پژوهشی:

- 1- Shadiyeh Soltanbeiglu, Mulood Mohammadi Bavani, Mozaffar Vahedi, **Ali Reza Chavshin** (Correspondi Author, ISI) **2022**. Susceptibility of *Culiseta longiareolata* to insecticides in West Azerbaijan province, northwestern Iran. Veterinary Research Forum 13(3)435-437.
- 2- Ahmad Ali Hanafi-Bojd, Hassan Vatandoost, Morteza Motazakker, Farrokh Dabiri, **Ali Reza Chavshin** (Corresponding Author, ISI) **2021**. Sindbis virus infection of mosquito species in the wetlands of northwestern Iran and modeling the probable ecological niches of SINV vectors in the country. Acta Tropica, 220: 105952.
- 3- Parisa Soltan-Alinejad, Javad Rafinejad, Farrokh Dabiri, Piero Onorati, Olle Terenius, **Ali Reza Chavshin** (PubMed: Corresponding author) (**2021**) Molecular analysis of the mitochondrial markers COI, 12S rDNA and 16S rDNA for six species of Iranian scorpions. BMC Research Notes 14 (1), 1-6.
- 4- Mojtaba Amini, Ahmad Ali Hanafi-Bojd, Ali Ahmad Aghapour, **Ali Reza Chavshin** (ISI: Corresponding author) (**2020**) Larval habitats and species diversity of mosquitoes (Diptera: Culicidae) in West Azerbaijan Province, Northwestern Iran. BMC Ecology 20: 60
- 5- Faramarz Bozorg-Omid, Mohammad Ali Oshaghi, Mozaffar Vahedi, Fateh Karimian, Seyyed Javad Seyyed-Zadeh, **Ali Reza Chavshin** (ISI: Corresponding author) (**2020**) Wolbachia infection in West Nile Virus vectors of northwest Iran. Journal of Applied Entomology and Zoology 55(1): 105-113.
- 6- Fereshteh Ghahvechi Khaligh, Mozaffar Vahedi, **Ali Reza Chavshin** (PubMed: Corresponding author) (**2020**) Identification of symbiotic bacteria in the midgut of the medically important mosquito, *Culiseta longiareolata* (Diptera: Culicidae). BMC Research Notes 13(1)378.
- 7- Shadiyeh Soltanbeiglu, Mozaffar Vahedi, Mulood Mohammadi-Bavani, **Ali Reza Chavshin** (PubMed, Scopus: Corresponding author, **2020**) Molecular characterization of Cytochrome Oxidase I (COI) and internal transcribed spacer 2 (ITS2) of *Culiseta longiareolata*. Turkish Journal of Parasitology. 44(4):191-196.
- 8- Parisa Soltan-Alinejad, Zahra Ramezani, ..., Mandan Abolhasani, Mulood Mohammadi Bavani, Jalil Musavi, Olle Terenius, **Ali Reza Chavshin** (PubMed, Scopus, Corresponding author), (**2020**) Molecular characterization of Ribosomal

- DNA (ITS2) of hard ticks in Iran: understanding the conspecificity of *Dermacentor marginatus* and *D. niveus*. BMC Research Notes. 13:478
- 9- Mulood Mohammadi Bavani, S. Shafaie, **Ali Reza Chavshin** (Pubmed, Scopus), F. Dabiri, M. Badakhshan, A. Naghian, R. Entezar Mahdi, S. J. Seyyed-Zadeh, J. Rafinejad, Sh. Saeedi, P. Rasegh (**Accepted-in press 2020**) New data on *Latrodectus tredecimguttatus* Rossi, 1790, the medically important spider species from Iran (Araneae: Theridiidae). Archives of Razi Institute.
 - 10- Shabnam Pashaei, Mohammad Mehdi Sedaghat, Mozaffar Vahedi, Mulood Mohammadi-Bavani, **Ali Reza Chavshin** (Persian, ISC, Corresponding author **2020**) Study of species diversity of *Anopheles maculipennis s.l.*, using molecular marker (Cytochrome Oxidase I: COI) in West Azerbaijan Province (cross-sectional study), Studies in Medical Sciences 31 (7), 507-514.
 - 11- Mojtaba Amini, Ahmad Ali Hanafi-Bojd, Sayyad Asghari, **Ali Reza Chavshin** (ISI: Corresponding author) (**2019**) The Potential of West Nile Virus Transmission Regarding the Environmental Factors Using Geographic Information System (GIS), West Azerbaijan Province, Iran. Journal of Arthropod-Borne Diseases 13 (1), 27-38.
 - 12- Sahereh Gholami, Hasan Bakhshi, Moosa-Kazemi, Ali Reza Zahraei-Ramazani, **Ali Reza Chavshin**, Mohammad Mehdi Sedaghat (**2019**) Molecular Characterization of *Anopheles sacharovi* Based on Sequences of ITS2-rDNA Region and COI Gene in North of Iran. Journal of Arthropod-Borne Diseases 13 (2), 135-144.
 - 13- Kambiz Diba, Khadijeh Makhdoomi, Elahe Nasri, Afsane Vaezi, Javad Javidnia, Davood Jabbari Gharabagh, Nima Hosseni Jazani, **Ali Reza Chavshin**, Parisa Badiie, Hamid Badali, Hamed Fakhim (**2018**) Emerging *Candida* species isolated from renal transplant recipients: species distribution and susceptibility profiles. Microbial pathogenesis 125, 240-245.
 - 14- Seyyed-Javad Seyyed-Zadeh, Faramarz Bozorg-Omid, Zakkiyeh Telmadarraiy, Olle Terenius, **Ali Reza Chavshin** (ISI: Corresponding author) (**2017**) Evidence for the presence of *Ctenocephalides orientis* in livestock dwellings in northwest Iran. Medical and veterinary entomology 32 (3), 383-387.
 - 15- Aboozar Soltani, Hasan Vatandoost, Mohammad Aali Oshaghi, Ahmad Ali Enayati, **Ali Reza Chavshin** (ISI) (**2017**) The role of midgut symbiotic bacteria in resistance of *Anopheles stephensi* (Diptera: Culicidae) to organophosphate insecticides. Pathogens and global health 111 (6), 289-296.

- 16- Elham Shahnazi, Habib Mohammadzadeh, Chiman Daneshyar, **Ali Reza Chavshin (ISI)**, Shahram Khademvatan **(2017)** Frequency and molecular diagnosis of trichomoniasis in symptomatic women referred to laboratories in urmia North West Iran. *Journal of Acute Disease* 6 (4), 175-180.
- 17- Shabnam Pashaei, Mohammad Mahdi Sedaghat, Farrokh Dabiri, Abbas Aghaei-Afshar, **Ali Reza Chavshin (Scopus: Corresponding author) (2017)** Molecular Analysis of ITS2 Fragment among *Anopheles maculipennis* Species Complex, West Azerbaijan Province, Iran. *Journal of Kerman University of Medical Sciences* 24 (3), 220-228
- 18- Farahnaz Khoshdel-Nezamiha, Hassan Vatandoost, Mohammad Ali Oshaghi, Shahyad Azari-Hamidian, Reza Arabi Mianroodi, Farrokh Dabiri, Masoomeh Bagheri, Olle Terenius, **Ali Reza Chavshin (ISI: Corresponding author) (2016)** Molecular characterization of mosquitoes (Diptera: Culicidae) of Northwestern Iran using rDNA-ITS2, *Japanese journal of infectious diseases*. 69(4):319-322,
- 19- Masoomeh Bagheri, Olle Terenius, Mohammad Ali Oshaghi, Morteza Motazakker, Sassan Asgari, Farrokh Dabiri, Hassan Vatandoost, Mulood Mohammadi Bavani, **Ali Reza Chavshin (ISI: Corresponding author) (2015)** West Nile Virus in Mosquitoes of Iranian Wetlands, *Vector-Borne and Zoonotic Diseases*. 15(12): 750-754
- 20- **Chavshin, A.R.**, Oshaghi, M.A., Vatandoost, H., Yakhchali, B., Zarenejad, F., Terenius, O. **(2015)** Malpighian tubules are important determinants of *Pseudomonas* transstadial transmission and longtime persistence in *Anopheles stephensi*, *Parasites and Vectors*. 8 (1), 1-7.
- 21- **Chavshin, A.R.**, Vatandoost, H., Mohammadi-Bavani, M. **(2015)** Susceptibility of *Anopheles maculipennis* To Different Classes of Insecticides in West-Azerbaijan Province, northwestern Iran. *Asian Pacific Journal of Tropical Biomedicine*. 5 (5), 403-406.
- 22- Nazanin Naseri-Karimi, Hassan Vatandoost, Masoomeh BAgheri, **Ali Reza Chavshin (Scopus: Corresponding author) (2015)** Susceptibility status of *Culex pipiens* against deltamethrin and DDT, Urmia County, West Azerbaijan Province, northwestern Iran, *Asian Pacific Journal of Tropical Disease*.5(Suppl 1): S77–S79.
- 23- **Chavshin, A.R.**, Oshaghi, M.A., Vatandoost, H., Terenius, O. **(2014)** Isolation and identification of culturable bacteria from wild *Anopheles culicifacies*, a first step in a paratransgenesis approach. *Parasites and Vectors*:419.

- 24- Khoshdel-Nezamiha, F., Vatandoost, H., Azari-Hamidian, S., Mohammadi-Bavani, M., Dabiri, F., **Chavshin, A.R.** (ISI: Corresponding author) (2014) Fauna and Larval Habitats of Mosquitoes (Diptera: Culicidae) of West Azerbaijan Province, Northwestern Iran. *Journal of Arthropod-borne Diseases*. . 8(2):163-173.
- 25- Ramezani, Z., **Chavshin, A.R.**, Telmadarraiy, Z., Edalat, H., Dabiri, F., Vatandoost, H., Zarei, Z., Beik-Mohammadi, M. (2014) Ticks (Acari: Ixodidae) of livestock and their seasonal activities, northwest of Iran. *Asian Pacific Journal of Tropical Diseases* (4) S:2, September 2014, Pages S754–S757.
- 26- Fateh Karimian , Mohammad Ali Oshaghi, Mohammad Mahdi Sedaghat, Robert M. Waterhouse, Hasan Vatandoost, Ahmad Ali Hanafi-Bojd, Naseh Maleki Ravasan ,**Ali Reza Chavshin** (2014) Phylogenetic Analysis of the Oriental-Palearctic-Afrotropical members of *Anopheles* (Culicidae: Diptera) based on nuclear rDNA, and mitochondrial DNA characteristics. *Japanese Journal of Infectious Diseases*. 67: 361–367.
- 27- **Chavshin A.R.**, Oshaghi MA, Vatandoost H, Hanafi-Bojd AA, Raeisi A, Nikpoor F. (2014) Molecular characterization, biological forms and sporozoite rate of *Anopheles stephensi* in southern Iran. *Asian Pac J Trop Biomed* 2014; 4(1):47-51 .
- 28- **Chavshin A.R.**, Oshaghi MA, Vatandoost H, Yakhchali B, Zarenejad F and Raeisi, A (2013) *Escherichia coli* expressing a green fluorescent protein (GFP) in *Anopheles stephensi*: a preliminary model for paratransgenesis. *Symbiosis*. 60(1):17-24.
- 29- **Chavshin A.R.**, Oshaghi MA, Vatandoost H, Pourmand MR, Raeisi A, Enayati AA, Mardani N, Ghoorchian S.(2012) Identification of bacterial microflora in the midgut of the larvae and adult of wild caught *Anopheles stephensi*: A step toward finding suitable paratransgenesis candidates. *Acta Trop*. 2012 Feb;121(2):129-34 .
- 30- Hazrati Tappeh, Kh., **Chavshin, A.R.** (ISI: Corresponding author), Mohammadzadeh Hajjpirloo, H., et al., (2012) Pediculosis capitis Among Primary School Children and Related Risk Factors in Urmia, the Main City of West Azarbaijan, Iran. *Journal of Arthropod-borne diseases* 2012, (6)1: 79–85.
- 31- Beikmohammadi, M, Telmadarraiy, Z, Dabiri, F, **Chavshin, A.R.**, Chinikar, S (2012) A survey on tick infestation of domestic ruminants in Tehran province, Iran spring 2012. *International Journal of Medical Microbiology*, 302 :105
- 32- Oshaghi MA, **Chavshin A.R.**, Vatandoost H (2006) Analysis of mosquito bloodmeals using RFLP markers, *Experimental Parasitology*, Dec; 114 (4):259-64.

- 33- Oshaghi MA., **Chavshin, A.R.**, Vatandoost H. Yaaghoobi, F., Mohtarami, F., Noorjah, N. (2006) Effects of post-ingestion and physical condition on PCR amplification of host blood meal DNA in mosquitoes. **Experimental Parasitology**, Apr; 112(4): 232-236.
- 34- Nourjah, N., Sahba, GH., Baniardalani, M., **Chavshin, A.R.**, (2004) Study of 4,850 operated hydatidosis cases in Iran, **Southeast Asian Journal of Tropical Medicine and Public Health**, 35: (SUPP/1): 218-222.
- 35- **Chavshin, A.R.**, (2006) Applied manual for residual spraying in industrial areas. National Iranian Petrochemical Company, NPCHSE-100-01 (**Manual**)
- 36- **Chavshin, A.R.**, (2006) Integrated Pest Management in Industrial Sites. National Iranian Petrochemical Company, NPCHSE-101-01 (**Manual**)

ب- برخی مقالات ارائه شده در همایش های تخصصی بین المللی و داخلی:

1. The utility of COI barcode for identification of Dermacentor ticks of northwest of Iran, 7th International congress of molecular Entomology, Amsterdam, Netherland, July 2014 (Accepted)
2. The COI barcode sequences of mosquitoes of West-Azarbaijan, Iran. 7th International congress of molecular Entomology, Amsterdam, Netherland, July 2014 (Accepted)
3. Paratransgenesis, as a new approach in the field of malaria control. 1st international congress of Medical Parasitology and parasitic diseases, Kerman, Iran (Oral)
4. The presence of vectors of Arbo-Viral diseases in West Azerbaijan Province, 21st. Iranian Congress on Infectious Diseases and Tropical Medicine, Tehran, Iran (Poster)
5. A survey on tick infestation of domestic ruminants in Tehran province, Iran spring 2012, 64th Annual Meeting of the German Society for Hygiene and Microbiology, 2012, Germany (Poster)
6. Suitable paratransgenesis candidates, isolated from midgut of *Anopheles* mosquitoes, 24th International congress Entomology, August 2012, Daegu, South Korea (Oral)
7. Paratransgenesis candidates isolated from the larvae and adult midgut of *Anopheles stephensi* main malaria vector in Asia, International congress of Malaria Elimination, 25-27 Jan, 2012, Kish, Iran
8. Pregnancy and Malaria, 2nd International Congress on Reproductive Health and Family planning, 2010, Urmia, Iran (Oral)

9. Cockroaches and their role in Entero-pathogens transmission, second Entropathogen congress 2010, Sanandaj, Iran (**Oral**)
10. Human DNA identification in mosquito bloodmeals by cytochrome b RFLP analysis. Medicine and Health in Tropics Congress ,September 11-15 ,2005 ,Marseille ,Palais du Pharo,france.
11. Genetic structure and Biological forms of *An.stephensi* in Hormozgan provinces,I.R.Iran "*Medicine and Health in Tropics Congress ,September 11-15 ,2005 ,Marseille ,Palais du Pharo,france.*
12. Host blood meal Identification in Malaria Vectors using molecular Markers (first research) the 4th National Biotechnology Congress , Kerman, Iran,Aug.2005.
13. Genetic & Morphologic Variation Among *Anopheles stephensi* (one of main Vectors of malaria) in Southeastern part of Iran,(First Research),the 4th National biotechnology Congress, Kerman ,Iran,Aug.2005.
14. Survey of Snake bites in iranshahr during 2003-2004, Sistan & Baluchestan Province,Iran."5th International Conferences on Urban Pests.
15. "The study of 4850 Hydatidosis cases in Iran" 4th Seminar on Food and Water-Borne Diseases. Thailand -2003.
16. Molecular characterization of different biological forms of *Anopheles stephensi* Liston in Iran" , *8th Iranian Congress of Biochemistry and First International Congress of Biochemistry & Molecular Biology September 11-15, 2005*
17. "Rodent Control In Complex Emergency " 2nd International Congress On Health ,Medication And Crisis Management In Disaster, 23-25 Nov 2004 Tehran ,Iran
18. " Entrobiosis among schoolchildren in the 17th region of Tehran, Iran and its relationship with risk factors" 21 Symposium on parasites of Medical importance .Spain 2004.
19. "Study of intestinal parasitic infections and their relationships to malnutrition in schoolchildren " 21 Symposium on parasites of Medical importance .Spain 2004
20. "Effect of physicochemical condition and length of time on success of PCR assay for blood meal identification of malaria vectors" 2nd Iranian congress on Medical Entomology and Vector Control, 16-18 May 2006-Tehran,Iran.
21. "Contribution to the treatment of scorpion sting" 2nd Iranian congress on Medical Entomology and Vector Control, 16-18 May 2006-Tehran, Iran.
22. "Analysis of mosquito blood meals using RFLP markers" 2nd Iranian congress on Medical Entomology and Vector Control, 16-18 May 2006-Tehran, Iran.