# CURRICULUM VITAE

## Abdoolnabi Bagheri

## PROFILE


Sure Name: Bagheri

First Name: Abdoolnabi

Date of Birth: 21st September 1974

Nationality: Iranian

Home address: Tolu Avenue, Imam Khomeini Street, Bandar Abbas, 7915847689,

Iran

Email: nabibagheri53@gmail.com

Telephone: +987634313806

Cellphone: +989145133116

Work address: Plant protection department, Agricultural and Natural resources research Center

of Hormozgan, Bandar Abbas, Iran P.O.Box: 79145-1577

Research Gate: https://www.researchgate.net/profile/Abdoolnabi_Bagheri

Google Scholar: https://scholar.google.com/citations?user=aDa8BX_wNkgC&hl=enRsearch ID: J-7076-2017

Scopus: https://www.scopus.com/authid/detail.uri?authorId=28767470400

## EDUCATION

2010 - 2015 University of Tarbiat Modares, Tehran, Iran, Ph.D; Major:Population genetic/Demography/Endosymbionts; Advisor: Professor Yaghoub Fathipour

1998 - 2000 University of Urmia, Urmia, MSc; Major: Agricultural Entomology (Toxicology); Advisor: Professor Ali Asghar Pourmirza

## EMPLOYMENT

September 2015-present **—Researcher,** Agricultural and Natural Research Center of Hormozgan, Bandar- Abbas, Iran

September 2010 - September 2015 **—PhD Student**, University of Tarbiat Modares, in gricultural Entomology department under supervision of Yaghoub Fathipour

October 2005-September 2010 **— Head of plant protection department and a senior researcher**, Agricultural and Natural Research Center of Hormozgan, Bandar- Abbas, Iran

June 2003 – October 2005 **—Deputy of research and education**, Agricultural and Natural Resources Research Center of Hormozgan.

## HONORS AND AWARDS

**2007 The best researcher in the Hormozgan province**

Awarded by the governor of the Hormozgan province for the **invocation in training farmers to produce vegetable with no pesticides residues.**

## PROFESSIONAL AFFILIATIONS AND SERVICES

October 2005-September 2010 **—** Member or Integrated Pest Management Committee (IPM) for producing healthy vegetable and fruits in Agricultural Organization of Hormozgan prvice in Iran.

# PUBLICATIONS

## PEER-REVIEWED JOURNAL ARTICLES

Hosseinzadeh, S., Shams-Bakhsh, M., Mann, M., Fattah-Hosseini, S., **Bagheri, A.,** Mehrabadi, M. and Heck, M. (2018). Distribution and Variation of Bacterial Endosymbiont and "Candidatus *Liberibacter asiaticus*" Titer in the Huanglongbing Insect Vector, *Diaphorina citri* Kuwayama. Microbial ecology, pp.1-17.

Fathipour, Y., Kianpour, R., **Bagheri, A.,** Karimzadeh, J. and Hosseininaveh, V. (2019). Bottom-up effects of Brassica genotypes on performance of diamondback moth, *Plutella xylostella* (Lepidoptera: Plutellidae). Crop Protection, 115, pp.135-141.

Goudarz, A., **Bagheri, A.,** Askari Seyahooei, M., Amiri Mazraie, M. and Modarres Najafabadi, S. S. (2018). *Citrus x aurantiifolia*, a new host report of *Macrophomina phaseolina* in Iran. Australasian Plant Disease Notes (2018) 13:15.

**Bagheri, A.,** Fathipour, Y., Askari Seyahooei, M., Zeinalabedini, M. (2018). Ecological niche modeling of Ommatissus lybicus (Hemiptera: Tropiduchidae) de Bergevin. Annals of the Entomological Society of America, 111(3), pp.114-121.

**Bagheri, A.,** Fathipour, Y., Askari Seyahooei, M., Zeinalabedini, M. (2018). *Ommatissus lybicus* (Hemiptera: Tropiduchidae), an economically important pest of date palm (Arecaceae) with highly divergent populations. The Canadian Entomologist (2018), 1-15.

Askari Seyahooei, M., Mohammadi-Rad, A., Hesami, S., **Bagheri, A.** (2018). Temperature and Exposure Time in Cold Storage Reshape Parasitic Performance of *Habrobracon hebetor* (Hymenoptera:Braconidae). Journal of Economic Entomology. 4(2018)1-6.

Amiri Mazraie, M., Faghihi, M.M., Samavi, S., Askari Seyahooei, M., **Bagheri, A.**, and Rowshan, G.H. (2018). First report of a'Candidatus Phytoplasma trifolii'-related strain associated with rapeseed witches' broom in Iran. New Disease Reports, 38, pp.19-19.

Mohammadpour, I., Askari Seyahooei, M., Tajeddin, B., Koohpayma, F., **Bagheri, A.** (2018). Date package and storage conditions play a key role in controlling *Plodia interpunctella* and *Oryzaephilus surinamensis* and preserving date quality. Journal of Crop Protection. 7:1(2018) 13-22.

Modarres Najafabadi, S., **Bagheri, A.,** Askari Seyahooei, M., Zamani, H., Goodarzi, A. (2018). Effects of Thyme and Rosemary essential oils on population growth parameters of *Macrosiphum rosae* (Hemiptera: Aphididae) on cut flower rose. Journal of Crop Protection. 7:1(2018) 51-63

Hemmati, C., Moharramipour, S., Askari Seyahooei, M., **Bagheri, A.,** Mehrabadi, A. (2018). Population genetic structure of *Hishimonus phycitis* (Hem.: Cicadellidae), vector of lime witches' broom phytoplasma". Journal of Agricultural Science and Technology. 20:5 (2018).

Hemmati, C., Moharramipour, S., Askari Seyahooei, M., Mehrabadi, M., **Bagheri, A.** (2018). Some intracellular Bacterial endosymbionts associated with *Hishimonus phycitis*; vector of witches' broom disease of Lime (WBDL). Applied and Environmental Microbiology. In press.

Askari Seyahooei, M., Kraaijveld, K., van Alphen, J. J. M., **Bagheri, A.** (2018), Adult size and early investment in reproduction in five species of Asobara parasitoid wasps. Entomologia Experimentalis et Applicata. In press.

**Bagheri, A.,** Fathipour, Y., Askari Seyahooei, M., Zeinalabedini, M. (2018). How different populations and host plant cultivars affect two-sex life table parameters of the date palm hopper, *Ommatissus lybicus* (Hemiptera: Tropiduchidae). Journal of Agricultural Science and Technology, 18(6), pp.1605-1619.

Koohpayma, F., **Bagheri, A.,** Fallahzadeh, M., Dousti, A., Askari Seyahooei, M. (2018). *Nysius cymoides* (Hemiptera: lygaeidae), a new economically important pest on *Acacia tortilis* and its intracellular bacterial endosymbionts. Entomological News. In press

Hemmati, C., Moharramipour, S., Askari Seyahooei, M., **Bagheri, A.,** Mehrabadi, M. (2017). Identification of yeast and yeast-like symbionts associated with *Hishimonus phycitis* (Hemiptera: Cicadellidae), the insect vector of lime witches' broom phytoplasma. Journal of Crop Protection. 6:4 (2017) 439-446.

Karimi, S., Izadi, H., Askari Seyahooei, M., **Bagheri, A.,** Khodaygan, P. (2017). Variation in bacterial endosymbionts associated with the date palm hopper, *Ommatissus lybicus* populations. Bulletin of Entomological Research .1 (2017) 1-11.

Askari Seyahooei, M., Hemmati, C., Faghihi, M., **Bagheri, A.** (2017) First report of a *Candidatus* Phytoplasma trifolii-related strain associated with *Suaeda aegyptiac*a and its potential vector in Iran. Australasian Plant Disease Notes. (2017) 12:24.

**Bagheri, A.,** Faghihi, M., Hassanzadeh Khankahdani, H., Askari Seyahooei, M., Ghanbari, N., Salehi Sarbijan, S. (2017). First report of a phytoplasma associated with *Sapodilla* flattened stem disease in Iran. Australasian Plant Disease Notes. (2017)12:25.

Faghihi, M., **Bagheri, A.,** Askari Seyahooei, M., Pezhman, A., Faraji, G. (2017). First report of a 'Candidatus Phytoplasma aurantifolia'-related strain associated with witches'-broom disease of limequat in Iran. New Disease Reports, 35, pp.24-24.

**Bagheri, A.,** Kolyaee, R., Askari Seyahooei, M., Modaress Najafabadi, S., Faraji, G. (2017). Efficacy of methyl eugenol bait traps for controlling the mango fruit fly Bactrocera zonata (Diptera: Tephritidae). J. Crop Prot.92017)6(2).

**Bagheri, A.,** Fathipour, Y., Askari-Seyahooei, M., Zeinalabedini, M. (2017). Reproductive isolation among allopatric populations of *Ommatissus lybicus* (Hemiptera: Tropiduchidae). Annals of the Entomological Society of America. 2017 1-7.

Faghihi, M. M., **Bagheri, A. N.,** Bahrami, H. R., Hasanzadeh, H., Rezazadeh, R., Siampour, M., Samavi, S., Salehi, M., Izadpanah, K. (2011). Witches'-broom disease of lime affects seed germination and seedling growth but is not seed transmissible. Plant Disease, 95(4), pp.419-422.

Salehi, M., Izadpanah, K., Siampour, M., **Bagheri, A.,** Faghihi, S.M. (2007). Transmission of '*Candidatus* Phytoplasma aurantifolia'to Bakraee (*Citrus reticulata* hybrid) by feral *Hishimonus phycitis* leafhoppers in Iran. Plant Disease, 91(4), pp.466-466.

Nikooei, M., Hemmati, C., **Bagheri, A.** (2017). Association of'*Candidatus* Phytoplasma aurantifolia'with *Cosmos bipinnatus* phyllody disease in Iran. Journal of Plant Protection Research, 57(3), pp.314-317.

Hemmati, C., Nikooei, M., **Bagheri, A.,** Faghihi, M.M. (2017). First report of a'*Candidatus* Phytoplasma phoenicium'-related strain associated with *Bidens alba* phyllody in Iran. New Disease Reports, 35, pp.8-8.

Abbaszadeh, G., Samih, M.A., Hoshiar, H., **Bagheri, A.** (2011). Study of host range of *Hishimonus phycitis* (Dist.) and effect of lime growth conditions on its reproduction and WBDL intensity. Annals of Plant Protection Sciences, 19(2), pp.360-363.

Salehi, M., Faghihi, M.M., Khanchezar, A., **Bagheri, A.,** Izadpanah, K. (2012). Distribution of citrus huanglongbing disease and its vector in southern iran. Iranian Journal of Plant Pathology, 48(2), pp.195-208.

Samavi, S., Faghihi, M.M., Hasanzadeh, H., **Bagheri, A.N.,** Salehi, M., Sotoudehnia, P. (2012). First report of the natural occurrence of group 16SrII '*Candidatus* Phytoplasma aurantifolia'in two *Solanum* species in Iran. New Disease Reports, 26, p.23.

Faghihi, M.M., Salehi, M., **Bagheri, A.,** Izadpanah, K. (2009). First report of citrus huanglongbing disease on orange in Iran. Plant Pathology, 58(4), pp.793-793.

**Bagheri, A.N.,** Salehi, M., Faghihi, M.M., Samavi, S., Sadeghi, A. (2009). Transmission of Candidatus Phytoplasma aurantifolia to Mexican lime by the leafhopper Hishimonus phycitis in Iran. Journal of Plant Pathology, 91(4).

Yektankhodaei, M., **Bagheri, A.,** Mohamadpour, I., Karami, Y.A. (2006). Artificial ripening of Khuneizi date using physical and chemical methods. In III International Date Palm Conference 736 (pp. 87-93).

Moghaddam, M., **Bagheri, A.N.** (2010). A new record of mealybug pest in the south of Iran, *Phenacoccus solenopsis* (Hemiptera: Coccoidea: Pseudococcidae). Journal of Entomological Society of Iran, 30(1).

Askari Seyahooei, M., **Bagheri, A.,** Bavaghar, M., Dousti, A. (2018). Mating and carbohydrate feeding impacts on life-history traits of Habrobracon hebetor (Say) (Hymenoptera: Braconidae). Journal of Economic Entomology. In press.

**Bagheri, A.,** Askari Seyahooei, M., Famil, M., Zakeri, O., Koohpayma, F., Mohammadi-rad, A. (2018). Control of *Helicoverpa armigera* by releasing *Trichogramma evanescence* and *Habrobracon hebetor* in an augmentation. J. Crop Prot. In press.

Tofangdar, S., Askari Seyahooei, M., **Bagheri, A.,** Koohpayma, F., Davlati, H. (2018). Non-chemical procedures decreased damage of dubas bug, *Ommatissus lybicus* and its oviposition rate. J. Crop Prot. In press.

Mahnaz Sadeghi, Baratali Fakheri, Jelveh Sohrabipour, Abbasali Emamjomeh, **Abdoolnabi Bagheri**, Davood Samsampour. (2019). Confirmation of presences of two brown algae *Stoechospermum polypodioides* and *Spatoglossum crissum* as new record of Dictyotaceae in the Persian Gulf based on molecular and morphological analysis. Iranian Journal of fisheries Science. In press.

F. Koohpayma, M. Fallahzadeh, **A. Bagheri***, M. Askari-Seyahooei, Y. Fathipour, and A. F. Dousti. (2019). Climatically Isolated Populations of *Habrobracon hebetor* Say (Hymenoptera: Braconidae) Demonstrate Striking Differences in Life History Traits. J. Agr. Sci. Tech.

Abdoolnabi Bagheri*, Majeed Askari Seyahooei, Yaghoub Fathipour, Maryam Famil,

Fatemeh Koohpayma, Akhtar Mohammadi-Rad and Shabnam Parichehreh. (2019). Ecofriendly managing of Helicoverpa armigera in tomato field by releasing Trichogramma evanescence and Habrobracon hebetor. Journal of Crop Protection.

Yaghoub Fathipour, Ladan Talaee, **Abdoolnabi Bagheri**, Ali Asghar Talebi and Jahangir Khajehali. (2020). Age stage, two-sex life table of Habrobracon hebetor (Braconidae) on Spodoptera exigua (Noctuidae) reared on different sugar beet genotypes. Bulletin of Entomological Research.

Khadijeh Jafari, Yaghoub Fathipour, Abdoolnabi Bagheri, Ali Asghar Talebi. (2020). Tritrophic Interactions in a Wheat (Triticum aestivum), Aphid (Rhopalosiphum padi) and Parasitoid (Aphidius matricariae) system. Crop Protection.

Majeed Askari Seyahooei, **Abdoolnabi Bagheri**, Sohrab Morshedi, Majid Fallahzadeh, Sareh Amiri, Maryam Shahi. (2019). Trunk Injection a Promising Approach for Long-Lasting Suppression of Mango Leaf Hopper, Idioscopus clypealis. Egyptian Academic Journal of Biological Sciences.

Fatemeh Sadeghi • Davood Samsampour • Majeed Askari Seyahooei • **Abdoolnabi Bagheri** • Jalal Soltani3. (2019). Diversity and Spatiotemporal Distribution of Fungal Endophytes Associated with Citrus reticulata cv. Siyahoo. Current Microbiology.

Hamed Hassanzadeh Khankahdani , Hamid Reza Bahrami, Mohammad Mehdi Faghihi, **Abdoolnabi Bagheri**. (2019). Reaction of some commercial citrus species and Iranian lime biotypes to witches' broom disease of lime. Crop Protection.

Yaghoub Fathipour, Amin Sedaratian, **Abdoolnabi Bagheri** and Reza Talaei – Hassanlouei. (2019). Increased food utilization indices and decreased proteolytic activity in Helicoverpa armigera larvae fed sublethal Bacillus thuringiensis-treated diet. Physiological Entomology.

Sarah Karimi Majeed Askari Seyahooei Hamzeh Izadi **Abdoolnabi Bagheri**. (2019). Effect of Arsenophonus Endosymbiont Elimination on Fitness of the Date Palm Hopper, Ommatissus lybicus (Hemiptera: Tropiduchidae). Environmental Entomology.

Hamed Hassanzadeh Khankahdani and **Abdoolnabi Bagheri**. (2019). Identification of Genetic Variation of Male and Female Date Palm (Phoenix dactylifera L.) Cultivars Using Morphological and Molecular Markers. International Journal of Horticultural Science and Technology.

Taghikhani, N., Fathipour, Y., **Bagheri, A.** and Talebi, A.A., 2019. Generation-dependent fitness of the parasitoid wasp Trichogramma brassicae (Hymenoptera: Trichogrammatidae) in laboratory and insectarium condition. Journal of Crop Protection, 8(3), pp.351-359.

Fathipour, Y., Maleknia, B., **Bagheri, A.**, Soufbaf, M. and Zalucki, M.P., 2019. Spider mite host plant resistance traits improve the predatory performance of Phytoseiulus persimilis on cucumber, despite negative life history impacts. Biological Control, 138, p.104064.

Najafabadi, S.S.M., **Bagheri, A.** and Seyahooei, M.A., 2019. Cucumber cultivar responses to two tetranychid mites, two-spotted spider mite and strawberry spider mite in greenhouses. Systematic and Applied Acarology, 24(8), pp.1383-1393.

Goudarzi, A., Seyahooei, M.A. and **Bagheri, A.,** 2019. Coconut malformation: An emerging disease caused by Fusarium proliferatum in southern Iran. Journal of Phytopathology.

Seyahooei, M.A., Kraaijeveld, K., **Bagheri, A.** and van Alphen, J.J., 2019. Adult size and timing of reproduction in five species of Asobara parasitoid wasps. Insect science.

Sadeghi, F., Samsampour, D., Seyahooei, M.A., **Bagheri, A.** and Soltani, J., 2019. Fungal endophytes alleviate drought-induced oxidative stress in mandarin (Citrus reticulata L.): Toward regulating the ascorbate–glutathione cycle. Scientia Horticulturae, p.108991.

موسی نجفی نیا* ، **عبدالنبی باقری،** مهدی آزادور، محمد صالحی . ۱۳۹۵. موقعیت بیماری جاروک لیموترش در ایران. دانش بیماری شناسی گیاهی. انتشارات دانشگاه یاسوج.

محمد صالحی، **عبدالنبی باقری،** محمد مهدی فقیهی و کرامت الله ایزدپناه. ۱۳۹۶. تعیین برخی ویژگی های زیستی و رفتاری زنجرک ناقل بیماری جاروک لیموترش. مجله بیماری های گیاهی.

مجید عسکری و **عبدالنبی باقری**. ۱۳۸۴. بررسی ویژگی های زیستی و برخی صفات مرفولوژیک دو گونه Procontarinia mattiana Erosomyia mahgifera (Dip : Ccidomyiidae) در استان هرمزگان. نامه¬ی انجمن حشره شناسی ایران.

**عبدالنبی باقری،** حامد حسن زاده خانکهدانی، وجیهه قنبری، مجید عسکری سیاهویی و سید سعید مدرس نجف آبادی. ۱۳۹۸. بررسی تنوع ژنتیکی ژنوتیپ های محلی انبه (Mangifera indica L.) استان هرمزگان با استفاده از صفات ریخت شناسی و نشانگر ISSR. علوم باغبانی

## CONFERENCE PRESENTATIONS

Hemmati, C., Moharramipour, S., Askari Seyahooei, M., **Bagheri, A.,** Mehrabadi, M. (2017). Elimination of Arsenophonus by antibiotic treatment leads to decrease in fitness of Hishimonus phycitis, the vector of lime witches' broom phytoplasma. 8th National conference on Biological Control in Agriculture and Natural Resources. 1-2 Nov. 2017. Rasht Iran.

Hemmati, C., Moharramipour, S., Askari Seyahooei, M., **Bagheri, A.,** Mehrabadi, M. (2017). How Wolbachia affects reproduction and population dynamics of the Hishimonus phycitis?: implications for biological control. 8th National conference on Biological Control in Agriculture and Natural Resources. 1-2 Nov. 2017. Rasht Iran.

**Bagheri, A.,** Fathipour, Y., Askari-Seyahooei, M., Zeinalabedini, M. (2015) Genetic structure of date palm hopper, *Ommatissus lybicus* collected from important date palm growing countries using AFLP markers. 1st Iranian International Congress of Entomology. Tehran, IRIPP

**Bagheri, A.,** Fathipour, Y., Askari-Seyahooei, M., Zeinalabedini, M. (2015). Genetic diversity, reproductive isolation and ecological study of date palm hopper, *Ommatissuslybicus* de Bergevin, populations. 1st Iranian International Congress of Entomology. Tehran, IRIPP

**POSTER**

Koohpayma, F., **Bagheri, A.,** Fallahzadeh, A. Dousti, A., Askari Seyahooei, M. (2017). *Nysius cymoides* (Hemiptera: Lygaeidae), a new economic important pest on *Acacia tortilis* and its intracellular bacterial endosymbionts. 8th National conference on Biological Control in Agriculture and Natural Resources. 1-2 Nov. 2017. Rasht Iran.

Hemmati, C., Moharramipour, S., Askari Seyahooei, M., Mehrabadi, M., **Bagheri, A.** (2016). Some intracellular bacterial endosymbionts associated with Hishimonus phycitis Distant (Hem: Cicadellidae), vector of witches' broom disease of lime (WBDL). 27-30 August 2016, Colleague of Agriculture and Natural Resources, University of Tehran, Karaj, Iran.

## SUPERVISING PROJECTS RECENTLY_____

Study on genetic diversity and life history traits in various populations of *Habrobracon hebetor* (Say) (Hymenoptera: Braconidae) on *Ephestia kuehniella*

Study on endophytic diversity of some species of *Amaranthaceae* in Hormozgan province and role of the endophytes in increased salinity tolerance in tomato plants

Endophytic diversity of some important seaweeds species living in Persian gulf and Oman sea and the possibility of their utilization for increased salinity tolerance in lime

Feasibility Study and Evaluation of miRNAs and Endosymbiont Bacteria Role in Interaction of *Candidatus* Liberibacter asiaticus with its Vector

Prediosposition effect of salt stress on fungal-mediated diseases in mango (*Mangifera indica* L.) by fungal pathogens

Study on endosymbionts variation in date palm hopper, *Ommatissus lybicus* de Bergevin (Hemiptera: Tropiduchidae) populations and their elimination effects on the invasive behavior of the pest. From Oct. 2016 till March 2018

Study on endosymbionts variation in *Hishimonus phycitis* (Hem: Cicadellidae) populations, vector of WBDL and their association with phytoplasma transmission of the vector. From Oct. 2015 till Nov. 2017.

Study of genetic variation of the date palm local cultivars in southern provinces of Iran using ISSR molecular markers. March 2016- Oct 2018.

## CONSULTING FARMERS AND AGRICULTURAL PROJECTS_____

**Some experiences of our company in consulting greenhouse owner, farms and orchards in Iran:**

Supervising and consulting 30 hectare date palm orchards of Mostazafan Foundation in Haji Abad district in Hormozgan province in Iran for pests and diseases control & fertigation program. May-2018- 2021.

Supervising and consulting 5000 hectare citrus orchards of Mostazafan Foundation in Nazdasht district in Hormozgan province in Iran for pests and diseases control & fertigation program. May-2017- 2019.

Supervising and consulting 100 hectare tomato, cucumber, eggplant and pepper greenhouse in Hormozgan, Fars, Yazd and Isfahan provinces in Iran for pests and diseases control & fertigation program. May-2015- till now.

Supervising and consulting 2000 hectare outdoor tomato, pepper, eggplant cultivation in Hormozgan, province in Iran for pests and diseases control & fertigation program. May-2015- till now.

Supervising and consulting 3000 hectare citrus, mango, date palm orchards in Hormozgan, province in Iran for pests and diseases control & fertigation program. May-2015- till now.

Supervising and consulting 1000 hectare wheat and corn cultivation in Hormozgan, province in Iran for pests and diseases control & fertigation program. May-2015- till now.