CURRICULUM VITAE

Abdoolnabi Bagheri

PROFILE

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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

Sadeghi, M., Askari seyahooei, M., Fallahzadeh, M., Bagheri, A., Ameri Seyahooei, A., Khademipour, M. and Modarresi-Najafabadi, M.M. 2024. Different combinations of pheromone trap, dispenser and chemical treatments for controlling the mango fruit fly, Bactrocera zonata Saunders (Diptera: Tephritidae). Journal of Advances in Plant Protection (JAPP). Publication in Progress.

Ameri, A., Lotfalizadeh, H., Talebi, A.A., **Bagheri, A.** and Ebrahimi, E., 2024. A preliminary survey of hymenopteran fauna of Iranian mangrove ecosystem, northern part of the Persian Gulf and Oman Sea. Journal of Insect Biodiversity and Systematics, 10(2), pp.401-413.

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Ghaemmaghami, E., Fathipour, Y., **Bagheri, A.,** Talebi, A.A. and Zalucki, M.P., 2023. Tracking switching behavior of Trichogramma brassicae (Hymenoptera: Trichogrammatidae) over 45 generations. Journal of Crop Protection, 12(1), pp.29-42.

Banifatemeh, M., Parvaresh, H., Moslehi, M., Ghassemi, S. and **Bagheri, A.,** 2023. Comparison of Correlations between Soil Physicochemical Properties and Diversity-Density of Soil Macrofauna in Juniper and Amygdalus Stands During the Growing and Resting Season (Case Study: Geno Protected Area, Hormozgan Province, Iran). Polish Journal of Environmental Studies, 32(3).

Soleimani, F., Samsampour, D. and **Bagheri, A.,** 2023. Investigating the Effect of Arbuscular Fungus on the Medicinal Plant Lemon Grass (Cymbopogon citratus) under Salt Stress. Journal Of Horticultural Science, 37(3), pp.643-653.

Kamali, M., Samsampour, D., **Bagheri, A.,** Mehrafarin, A. and Homaei, A., 2023. Association analysis and evaluation of genetic diversity of Teucrium stocksianum Boiss. populations using ISSR markers. Genetic Resources and Crop Evolution, 70(3), pp.691-709.

Aghaei Dargiri, S., Samsampour, D., Askari Seyahooei, M. and **Bagheri, A.,** 2022. Identification of Population Structure of Two Fungal Endophytes Fusarium sp. and Thielavia sp. and their Spatial-Temporal Abundance in Different Tissues of Six Species of Halophyte Plants. Biological Journal of Microorganism, 11(43), pp.1-11.

Baghazadeh Daryaii, L., Samsampour, D., **Bagheri, A.** and Sohrabipour, J., 2021. Macroalgae-Derived Fungal Endophytes Promoted The Growth of Mexican Lime Seedlings Under Heat Stress in Greenhouse Condition. Journal of Phycological Research, 5(2), pp.691-712.

Kamali, M., Samsampour, D., **Bagheri, A.,** Mehrafarin, A. and Homaei, A., 2023. Association analysis and evaluation of genetic diversity of Teucrium stocksianum Boiss. populations using ISSR markers. Genetic Resources and Crop Evolution, 70(3), pp.691-709.

Samavi, S., Rahmian, H., **Bagheri, A.** and Babaeizad, V., 2022. (GTG) 5-rep-PCR demonstrates a clear cut genetic differentiation of Candidatus Liberibacter asiaticus isolates infecting mandarin trees in Hormozgan and Sistan and Baluchestan provinces of Iran. Journal of Crop Protection, 11(1), pp.71-83.

Ghaemmaghami, E., Fathipour, Y., **Bagheri, A.,** Talebi, A.A. and Reddy, G.V., 2022. Rejuvenation improves the quality of Trichogramma brassicae Bezdenko (Hymenoptera: Trichogrammatidae) reared for many generations on Sitotroga cerealella (Olivier)(Lepidoptera: Gelechiidae). Egyptian Journal of Biological Pest Control, 32(1), p.79.

Sohrabi, M., Samsampour, D. and **Bagheri, A.,** 2024. Molecular identification of fungal endophytes of medicinal plant Citrullus colocynthis (L.) schrad as a medicinal plant: Role of tissue type and sampling location on the diversity. Molecular Biotechnology, 66(3), pp.424-431.

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Aghaei Dargiri, S., Samsampour, D., Askari Seyahooei, M. and **Bagheri, A.,** 2021. Evaluation of the effect of fungal Penicillium chrysogenum and bacterial Exigubacteium aurantiacum endophytes on improvement of the morpho-physiological characteristics of tomato seedlings. Journal of Plant Process and Function, 10(42), pp.251-266.

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Badran, F., Fathipour, Y., **Bagheri, A.,** Attaran, M. and Reddy, G.V., 2021. Generation-dependent functional and numerical responses of a naturally fungus-infected colony of Habrobracon hebetor (Hymenoptera: Braconidae) reared on Ephestia kuehniella (Lepidoptera: Pyralidae) in Iran. Journal of Economic Entomology, 114(1), pp.62-71.

Fatima, B., Fathipour, Y., **Bagheri, A.,** Attaran, M. and Reddy, G.V., 2022. Effects of prolonged mass rearing on life history traits of Habrobracon hebetor (Hymenoptera: Braconidae).

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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).

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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.

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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.

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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.

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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.

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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.

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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

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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- 2022.

Supervising and consulting 5000 hectare citrus orchards of Mostazafan Foundation in Nazdasht district in Hormozgan province in Iran and Vakilabad in Kerman province for pests and diseases control & fertigation program. May-2017- 2023.

Supervising and consulting 500 hectare date palm orchards of Goolroyeh in Haji Abad district in Hormozgan province in Iran for pests and diseases control & fertigation program. May-2022 till now.

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.

سوابق اجرایی، تحقیقاتی و مدیریتی

- رییس بخش تحقیقات گیاهپزشکی مرکز تحقیقات و آموزش کشاورزی و منابع طبیعی هرمزگان از سال ۱۳۸۴ لغایت ۱۳۹۰.

- رییس بخش تحقیقات گیاهپزشکی مرکز تحقیقات و آموزش کشاورزی و منابع طبیعی هرمزگان از سال ۱۴۰۱ تا کنون.

-راهنمایی و مشاوره بیش از ۳۰ فقره رساله دکتری و کارشناسی ارشد در دانشگاه های مختلف از جمله دانشگاه تربیت مدرس و تهران و غیره.

-اجرای بیش از ۴۰ فقره پروژه پژوهشی در زمینه‌های مختلف علوم کشاورزی و منابع طبیعی

- عضو کمیته های گیاهپزشکی، منابع طبیعی و تدوین استاندارد