

Curriculum Vitae

Name: **Ahmad Abbasi Moghddam** Nationality: **Iranian** Gender: **Male**

Date of birth: September 20th 1971

Current position: Member of Scientific board, Department of Genetics and National Plant Gene Bank of Iran (NPGBI)

Current organization: Seed and Plant Improvement Institute (SPII)

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Educational Background (from university, reverse order according to time):

Jan 2000- Nov 2003 in Plant Pathology, major Fungal pathology minor Genetic & plant breeding and Biochemistry, Department of Plant Pathology, Indian Agricultural Research Institute (IARI, Pusa University), New Delhi, India. Ph.D.,

Supervisor Dr P. Bahadur

Sep 1995- 1997 in Agricultural engineering - Plant Pathology, Ferdowsi University, Mashhad, Iran. M.Sc.,

Supervisor Dr M. F. Rastegar

Sep 1990- Jan 1994 in Agricultural engineering - Plant Protection, Shahid Chamran (Joundi Shapour) University, Ahwaz, Iran. B.Sc.

Supervisor : Dr A. Alizadeh

Professional Background (reverse order according to time):

2017, member of steering committee and scientific reviewer of the The 3rd Iranian mycological congress.

Since 2017, Seed and Plant Improvement Institute, Karaj, Iran, Head, Information technology and Bioinformatics office.

Since 2016, Life member of Iranian mycological society.

Since 2014, Agricultural Research Education Extension Organization, Member of horticulture and plant protection core specialist for Iran Agriculture bazaar TV.

2008- 2015, Seed and Plant Improvement Institute, Deputy Head of Department of Plant Genetics & National Plant Gene- Bank of Iran, Karaj, Iran.

2008- 2012, Department of Agricultural engineering, Payam Nour University (Shahre Rey Branch), Tehran, Iran. Adjunct Professor.

2007- 2009, Seed and Plant Improvement Institute. Member, Research Advisory Board.

Since 2006, Seed and Plant Improvement Institute, Karaj, Iran, Head, Seed health lab of

Department of Plant Genetics & National Plant Gene- Bank of Iran.

Since 2005, Seed and Plant Improvement Institute. Responsible in Evaluation of NPGBI germplasms collections for Biotic stress.

Since 2005, Seed and Plant Improvement Institute, Karaj, Iran. Member of Scientific board, Department of Plant Genetics & National Plant Gene-Bank of Iran

Since 2005, Seed and Plant Improvement Institute, Karaj, Iran. Assistant Professor of Research, Department of Plant Genetics & National Plant Gene-Bank of Iran.

2004- 2005 Semnan province center of Agricultural research organization. Research officer.

Research Projects (last five years):

1. The ministry of Agriculture Jihad, 04030388182, Evaluation of resistance source to wheat stem rust in synthetic hexaploid wheat collection of National Plant Gene Bank of Iran, March2010-Dec2014.
2. The ministry of Agriculture Jihad , 04030388183, Evaluation of resistance source to wheat stem rust in bread wheat collection of National Plant Gene Bank of Iran, March2010-Dec2014.
3. Agriculture research education and extension organization of Iran, 315150391223, Preliminary evaluation and selection of local Kabuli chickpea genotypes of National Plant Gene Bank of Iran for cold tolerance, Sep 2012 -Mar 2017.
4. Agriculture research education and extension organization of Iran, 2030392196, Identification of *Fusarium* blight resistance source on muskmelon collection of National Plant Gene Bank of Iran, Jun2014- Sep2016.
5. Agriculture research education and extension organization of Iran, 2030393153, Regeneration and evaluation of resistance sources to *Alternaria* stem canker disease in new accessions of tomato collection in plant gene bank of Iran, March2014-Jan2017.
6. Agriculture research education and extension organization of Iran, 2161694123, The evaluation of reaction of some tomato genotypes of national plant genes bank to root knot nematode (*Meloidogyne javanica*) under the control condition, March2014-Jan2017.
7. Agriculture research education and extension organization of Iran, 20303114950475, Evaluation of resistance to Fusarium wilt in selected chickpeas Germplasm in the National Plant Gene Bank of Iran, Apr2017-Sep2019.
8. Agriculture research education and extension organization of Iran, 28733019960161, Genetic diversity in Iranian commercial varieties and landraces of watermelon, Apr2017-Feb2019.
9. Agriculture research education and extension organization of Iran, 20303008960172, Evaluation of selected tomato accessions of National plant gene bank of Iran for resistance to Fusarium wilt, Apr2017- Sep 2019.

Publications

A: Papers

1. **Abasi Moghadam, A.**, Prabhu, K .V. and Bahadur P. 2004. Simple method for DNA isolation from urediospore of wheat leaf rust pathotypes . Indian Phytopath .57(2) : 240-241.
2. **Abasi Moghadam, A.**, Bahadur P., Prabhu, K. V. and Charan, R. 2004. Genetics of resistance in bread wheat cultivars HD 2687, HD 2501, HW 2004, UP 2425, and RAJ 3765 to leaf rust. Indian Phytopath . 57(4) :422-426.
3. Taheri, S., Sharifnabi, B., Zare R .and **Abbasi Moghadam, A.** 2009. *Alternaria interrupta*, a new pathogen causing potato early blight in Iran. Rostaniha. Vol 10(1): 72-73. (In Persian).
4. Taheri, S., Sharifnabi, B., Zare R .and **Abbasi Moghadam, A.** 2010. New *Alternaria* species associated with potato leaf spot in various potato growing region of Iran. Iranian Journal of Plant Pathology. Vol 45(4): 301-309. (In Persian).
5. Saman, S. M., Mozafari, J., Vaezi, Sh., **Abbasi Moghaddam, A.** and Mostafaie, H. 2012. Genetic diversity of pod and seed characteristics in lentil germplasm of Iran. Iranian Journal of Crop Sciences. 14(2):171-182. (In Persian).
6. Mojerlou, S., Safaie, N., **Abbasi Moghadam, A.** and Shams-bakhsh, M. 2013. Evaluation of some Iranian wheat landraces resistance against stem rust disease at seedling stage in the green house. Plant Protection (Scientific Journal of Agriculture). 35(4): 69-82. (In Persian).
7. Mirkarimi, H. R., **Abasi Moghadam, A.** and Mozafari, J. 2013. In vitro and greenhouse evaluation for resistance to early blight of potato isolated from *Alternaria alternata*. Agricultural Sciences. 4(9): 473-476.
8. Mirkarimi, H. R., **Abasi Moghadam, A.** and Mozafari, J. 2013. Evaluation of disease resistance potential of seven potato genotypes against early blight caused by *Alternaria tenuissima* under greenhouse conditions. Journal of Experimental Biology and Agricultural Sciences. 1(3): 191-196.
9. Mirkarimi, H. R., **Abasi Moghadam, A.**, Mozafari, J. and Taheri Ardestani, S. 2013. In-vitro and greenhouse evaluation of phytopathogenic potential of fungal isolates *Alternaria tenuissima* in Iran. Journal of Experimental Biology and Agricultural Sciences. 1(4): 236-240.
10. Mirkarimi, H. R., **Abasi Moghadam, A.** and Mozafari, J. 2013. Screening of potato lines including department Genetic & National Plant Gene Bank of Iran for resistance to early

- blight (*Alternaria solani*) using culture filtrate produced by the fungus. American Journal of Plant Sciences, 4: 2043-2047.
11. Mirkarimi, H. R., **Abasi Moghadam, A.** and Mozafari, J. 2013. In vitro evaluation of Atlantic genotype to early blight of potato caused by the fungus isolates of *Alternaria solani*. Scholarly Journal of Agricultural Science. 3(8): 308-312.
 12. Mirkarimi, H. R., **Abasi Moghadam, A.** and Mozafari, J. 2013. Assessment on early blight of potato in order to compare the two methods in vitro using pathogenic fungi *Alternaria solani*. Natural Science. 5(11): 1189-1192.
 13. Vaezi, S., Cheraghafrooz, R. and **Abbasi Moghddam, A.** 2013. Evaluation of genetic diversity and relationship among agronomic traits in selected accessions bean collection. Iranian Journal of Pulses Research. 4(1): 31-42.
 14. Mirkarimi, H. R., **Abasi Moghadam, A.** and Mozafari, J. 2014. Evaluation of resistance of potato genotypes to early blight disease caused by the pathogenic fungus *Alternaria tenuissima* and *Alternaria allternata* under in vitro and greenhouse conditions. Journal of Plant Production. 20(4): 117-132.
 15. Mojerlou, S., Safaie, N., **Abbasi Moghadam, A.** and Shams-bakhsh, M. 2015. PCR-based characterization of *Puccinia graminis* f. sp. *tritici* race TTSSK from Iran. Journal of crop protection. 4(3): 321-328.
 16. Mirkarimi, H. R., **Abasi Moghadam, A.** and Mozafari, J. 2015. Screening of wild diploid accessions of potato collection in National plant gene bank of Iran for resistance to early blight disease caused by *Alternaria tenuissima* and *Alternaria solani* under in vitro and Greenhouse Conditions. Journal of Crop Breeding Vol. 7(15): 40-46. (In Persian).
 17. Vafaeia S. H., Rezaee S., **Abbasi Moghadam, A.** and Zamanizadeha H. R. 2015. Virulence diversity of *Ascochyta rabiei* the causal agent of Ascochyta blight of chickpea in the western provinces of Iran. Archives of Phytopathology and Plant Protection. 48(17-20): 921-930.
 18. Vafaeia S. H., Rezaee S., **Abbasi Moghadam, A.** and Zamanizadeha H. R. 2017. Screening of Chickpea germ plasms for selection of resistant genotypes to Ascochyta blight. Applied Entomology and Phytopathology. 85(1): 98-110.

B: Conference

1. **ABBASI MOGHADDAM, A.**, FALAHATI RASTEGAR, M., GAFARPOUR, B., 1998. Etiology of root and crown rot of sugar beet in Khorasan province. 13th Iran plant pathology congress. P: 125.
2. **ABASI MOGHADAM, A.**, 2001 .Serological method in detection of plant fungal pathogen . Proceeding of First Iranian Agricultural student and related science seminar-

New Delhi, India .

3. ABASI MOGHADAM, A., BAHADUR P., PRABHU, K .V .and CHARAN, R .2003 . Genetics of resistance in bread wheat cultivars HD 2687, HD 2501, HW 2004, UP 2425, and RAJ 3765 to leaf rust .Indian Phytopathology Delhi zonal congress .New Delhi, India .
4. ABASI MOGHADAM, A., BAHADUR P., PRABHU, K .V. 2004 .Inheritance of resistance to wheat leaf rust in five Indian bread wheat cultivars .15th International Plant Protection Congress-Plant Protection toward 21st century .Beijing, China
5. ABBASI MOGHADDAM, A., 2006. Virulence and molecular polymorphism in prevalent collection of Indian pathotypes of wheat leaf rust fungus. Proceeding of the 17th Iranian plant protection congress, Vol: II, p 25.
6. ABASI MOGHADAM, A., PRABHU, K .V .and BAHADUR P .2007 .Prevalent pathotypes virulence and molecular polymorphism of Indian wheat leaf rust .Asian Mycology congress (AMC 2007) & International marine and freshwater Mycology symposium .266-14 .Penang, Malaysia.
7. TAHERI, S., SHARIFNABI, B., ZARE R .and ABBASI MOGHADAM, A. 2007 . *Alternaria* species associated with potato early blight in Iran .Asian Mycology congress (AMC 2007) & International marine and freshwater Mycology symposium .266-16 . Penang, Malaysia.
8. ABASI MOGHADAM, A .and BEHROZIN, M . 2008. Changes in total phenols and resistance to *Sclerotinia* stem rot in rape oilseed *Brassica napus* cultivars grown in northern Iran under greenhouse conditions .Journal of Plant Pathology .90(2, Supplemen) , S2.209 .
9. NAJAFI, F., MOZAFARI, J., ABBASI MOGHADDAM, A. and JAFFAR AGHAEI, M. 2007. Evaluation of core collection of Iran Kabuli chickpea against two race of *Ascochyta rabiei* . Abstract of second national legume conference of Iran, page 280.
10. NAJAFI, F., MOZAFARI, J., ABBASI MOGHADDAM, A., JAFFAR AGHAEI, M. and Shahriari, D. 2008. Partial resistance against race 3 and 6 of *Ascochyta rabiei* in core collection of Iranian Kabuli chickpea. Proceeding of the 18th Iranian plant protection congress, Vol: II, p 75.
11. TAHERI, S., SHARIFNABI, B., ZARE R .and ABBASI MOGHADAM, A. 2008. . *Alternaria* spp. Related to tomato early blight in Isfahan province. Proceeding of the 18th Iranian plant protection congress, vol II, p 209.
12. TAHERI, S., SHARIFNABI, B., ZARE R .and ABBASI MOGHADAM, A. 2008. . Two new *Alternaria* species on potato from Iran. Proceeding of the 18th Iranian plant protection congress, Vol: II, p 674.
13. ABASI MOGHADAM, A., MOZAFARI, J., TAHERI ARDESTANI, S. and Purpeygambar, M. 2008. Importance of plant quarantine in bio-security and prevention of probable risk. Treatment and Bio security in Iran agriculture. Page 1-13.

14. Saman, M., Mozafari, J., Vaezi, S., Abasi Moghadam, A. and Mostafaei, H. 2008. Evaluation of Seed and kernel agro morphologic character of part of lentil collection of Iran under Ardebil condition. 1st Conference of New technologies in agriculture and natural resources. P: 369-373.
15. TAHERI, S., SHARIFNABI, B., ZARE R .and ABBASI MOGHADAM, A. 2009. IGS sequencing in *Alternaria tenuissima* one the most important causal agents of potato early blight. The 6th National Biotechnology Congress of Iran 13-15 Aug, 2009, Tehran-Iran. P: 1-5.
16. ABASI MOGHADAM, A .and BEHROZIN, M. 2009. Histopathological aspects of resistance to *Sclerotinia* stem rot in canola cultivars. Asian Mycology congress (AMC 2009) & 11th International marine and freshwater Mycology symposium, 15-19 Nov. Taichung, Taiwan.
17. TAHERI, S., SHARIFNABI, B., ZARE R .and ABBASI MOGHADAM, A. 2009. PCR-RFLP analyses of IGS region in seven *Alternaria* species. Asian Mycology congress (AMC 2009) & 11th International marine and freshwater Mycology symposium, 15-19 Nov. Taichung, Taiwan.
18. SAMAN, S.M., MOZAFFARI, J. ABBASI MOGHADAM, A., VAEZI, SH. and DASTJERDI, R. 2010. Evaluation for resistance to *Fusarium oxysporum* f. sp. *Lentis* in the lentil collection of National plant Gene-Bank of Iran. Proceeding of the 19th Iranian plant protection congress, Vol: II, p 270.
19. SHAMAYI IRANI, S., ABBASI MOGHADAM, A., HASHEMI, M. and VAEZI, SH. 2010. Identification of isolated *Fusarium* spp. From cultivated white bean in central parts of Iran. Proceeding of the 19th Iranian plant protection congress, Vol: II, p 275.
20. NAJAFI, F., MOZAFFARI, J. ABBASI MOGHADAM, A., and JAFAR AGHAEE, M. 2010. Evaluation of selected genotypes from the core collection of Kabuli chickpea in Iran for resistance to *Ascochyta rabiei*. Proceeding of the 19th Iranian plant protection congress, Vol: II, p 360.
21. YOUSEFI, R., HOSSEINI, R., ABBASI MOGHADAM, A., ARAB BAFFERANI, S., RAZZAZ HASHEMI, S. R. 2010. Investigate of morphological and genetically variation in *Erysiphe necator* single spore isolates and those correlations. Proceeding of the 19th Iranian plant protection congress, Vol: II, p 396.
22. SHAMAYI IRANI, S., ABBASI MOGHADAM, A., HASHEMI, M. and VAEZI, SH. 2010. Evaluation of selected White bean accessions from NPGBI collection for resistance to *Fusarium oxysporum* f. sp. *phaseoli* and *Fusarium solani* f. sp. *phaseoli*. Proceeding of the 19th Iranian plant protection congress, vol II, p 864.
23. MIRKARIMI, H. R., ABBASI MOGHADAM, A., MOZAFFARI, J. and TAHERI, S. 2010. Comparison between methods of potato evaluation for resistance to *Alternaria solani* early blight by greenhouse test and in vitro assay. Petria. 13th Congress of the Mediterranean Phytopathological union. 20 (2): 67-633
24. SHAMAYI IRANI, S., ABBASI MOGHADAM, A., HASHEMI, M. and VAEZI, SH.

2010. Evaluation of selected white bean accessions from NPGBI collection for resistance to *Fusarium* spp. *Petria*. 13th Congress of the Mediterranean Phytopathological union. 20 (2): 67-633
25. KHADEMIAN, B., ABBASI MOGHADAM, A. and TAHERI ARDESTANI, S., 2011. Wheat stem rust, old enemy and new treat to food security of Iran. 2nd National conference of Bio security in Iran. Tehran, Iran. 321-327.
 26. ABBASI MOGHADAM, A., MOZAFARI, J., JAFFAR AGHAEE, M. and DEZFOLIZADEH, M. S. 2011. Powdery mildew (*Blumeria graminis* f.sp. *tritici*) wheat line interaction in synthetic hexaploid line collection of National Plant Gene-bank of Iran. Asian Mycology congress (AMC 2011) & 11th International marine and freshwater Mycology symposium, 7-11 Aug. Incheon, Korea.
 27. TAHERI ARDESTANI, S., ABBASI MOGHADAM, A. and TAHERI, S. 2011. *Alternaria* species associated with tomato early blight in Iran. Asian Mycology congress (AMC 2011) & 11th International marine and freshwater Mycology symposium, 7-11 Aug. Incheon, Korea.
 28. ABBASI MOGHADAM, A. 2011. Effect of climatologic change on genetic resources. National conference of climatological changes influence on agriculture and environment, Uromiyeh, Iran.
 29. ABBASI MOGHADAM, A., TAHERI, S., MOZAFARI, J. and TAHERI ARDESTANI, S. 2011. Genetic diversity of pathogenic *Alternaria* species of tomato base on their IGS region. The 7th National Biotechnology congress of I.R. Iran. 12-14 Sep. Niroo Research Institute, Tehran, Iran.
 30. MOZAFARI, J. and ABBASI MOGHADAM, A. 2011. Role of plant genetic resources in improving sustainability of crop production in the highland agriculture. Regional expert meeting & workshop on highlands agriculture, Karaj, Iran.
 31. ABBASI MOGHADAM, A., ROOHPARVAR, RAMIN. AND ALITABAR, R. 2012. Adult plant resistance to stem rust in part of bread wheat landrace accession of National Plant Gene-Bank of Iran. Proceeding of the 13th international cereal rust and powdery mildews conference, Beijing, China.
 32. ABBASI MOGHADAM, A., ROOHPARVAR, RAMIN. AND ALITABAR, R. 2012. Adult plant resistance to stem rust in synthetic hexaploid wheat accessions of national plant gene-bank of Iran. Proceeding of the 13th international cereal rust and powdery mildews conference, Beijing, China.
 33. MOJERLOU, S., ABBASI MOGHADAM, A., SAFAIE, N. AND SHAMS-BAKHSH, M. 2012. Resistance to wheat stem rust race Ug 99 in selected accessions of Iranian wheat landraces. Proceeding of the 13th international cereal rust and powdery mildews conference, Beijing, China.
 34. KHADEMIAN, B., ABBASI MOGHADAM, A. AND EBRAHIMI M. 2012. Resistance to wheat stem rust race Ug 99 in selected accessions of Iranian wheat landraces. Proceeding of the 13th international cereal rust and powdery mildews conference, Beijing,

China.

35. ARSHAD, Y., ABBASI MOGHADAM, A., ALITABAR, A. R. AND RAEIATPANAH, S. 2012. Resistance to wheat stem rust race Ug 99 in selected accessions of Iranian wheat landraces. Proceeding of the 13th international cereal rust and powdery mildews conference, Beijing, China.
36. ABBASI MOGHADAM, A. 2013. Iranian Experience to Establish and Build a National PGR Program in Iran. Workshop on Implementation of regional/ near East North Africa plant genetic resources network strategy: National, Regional and Global roles. 18-20 Feb., Muscat, Oman.
37. MOJERLOU, S., SAFAIE, N., ABBASI MOGHADAM, A. AND SHAMS-BAKHSH, M. 2014. Resistance to wheat stem rust in selected accessions of Iranian wheat landraces. BGRI 2014 Technical Workshop. 22-25 Mar., Obergon, Mexico.
38. TAHERI ARDESTANI, S., ABBASI MOGHADAM, A. and HASHEMI, M. 2014. Study on diversity of onion crown rot causal agents and determination of their form specials. 3rd Confernce of Biodiversity and its effects on agriculture and ecosystem. 16th Aug., Oromiyeh, Iran.
39. GHELICKKHANI, M., ABASI MOGHADAM, A. AND TORABI, M. 2014. Seedling resistance to wheat stem rust in spring type synthetic hexaploid wheat accessions of national plant gene-bank of Iran. 3rd Confernce of Biodiversity and its effects on agriculture and ecosystem. 16th Aug., Oromiyeh, Iran.
40. MOJERLOU, S., SAFAIE, N., SHAMS-BAKHSH, M., AND ABBASI MOGHADAM, A. 2015. Resistance to wheat stem rust in selected accessions of Iranian wheat landraces. BGRI 2015 Technical Workshop. 17-20 Sep., Sydney. Australia.
41. ABBASI MOGHADAM, A., TAHERI, S. and POURESMAEIL, M. 2016. Seed health in the selected regeneated chickpea accessions of National plant gene bank of Iran. The 6th Iranian pulse crop symposium. 4 May, Khoramabad, Iran.
42. ABBASI MOGHADAM, A., CHERAGHAFROOZ, R. and VAEZI, S. 2016. Evaluation of selected bean accessions from NPGBI collection for resistance to *Fusarium* yellows under green house condition. The 6th Iranian pulse crop symposium. 4 May, Khoramabad, Iran.
43. TAHERI, S., ABBASI MOGHADAM, A, and POURESMAEIL, M. 2016. Fungal contamination situation in selected regeneated chickpea accessions of National plant gene bank of Iran. The 6th Iranian pulse crop symposium. 4 May, Khoramabad, Iran.
44. TAHERI, S., ABBASI MOGHADAM, A, and POURESMAEIL, M. 2016. Evaluation of selected kabuli chickpea accessions of National plant gene bank of Iran for resistance to *Fusarium* wilt under field condition. The 6th Iranian pulse crop symposium. 4 May, Khoramabad, Iran.
45. VAFAEIA S. H., REZAEAA S., ABBASI MOGHADAM, A. AND ZAMANIZADEHA H. R. 2016. Study on virulence diversity of the causal agent of *Ascochyta* blight of chickpea in the Lorestan province. The 6th Iranian pulse crop symposium. 4 May, Khoramabad,

Iran.

46. VAFAEIA S. H., REZAEIE S., ABBASI MOGHADAM, A. AND ZAMANIZADEHA H. R. 2016. Evaluation of selected chickpea accessions of National plant gene bank of Iran for resistance to *Ascochyta* blight of chickpea in the Lorestan province. The 6th Iranian pulse crop symposium. 4 May, Khoramabad, Iran.
47. TAHERI, S. and ABBASI MOGHADAM, A. 2017. Identification of sesame root and crown rot related pathogen on the Alborz province of Iran. The 3rd Iranian mycological congress, 26-28 Aug., Sanandaj, Iran.

Supervising and co-advising M. Sc and Ph. D. thesis projects

1. Evaluation of Morphology, Pathogenicity and Genetic Diversity of Prevalent *Alternaria* spp. in Major Potato Growing Regions of Iran. Isfahan University of Technology, Iran
2. Isolation and morphological and molecular identification of grapevine powdery mildew causal agent. International Emam Khomeini University, Ghazvin, Iran.
3. Evaluation of synthetic hexaploid wheat for morphological traits and powdery mildews resistance. Karaj Islamic Azad University, Karaj, Iran.
4. Partial screening of Kabuli chickpea collection of the National Plant Gene-Bank of Iran for resistance to *Aschochyta rabiei* under greenhouse conditions and in vitro selection. Science and Research Complex of Islamic Azad University, Tehran, Iran
5. Evaluation of selected white bean accessions from National Plant Gene Bank of Iran for resistance to pathogenic *Fusarium* spp. of beans. Damghan Islamic Azad University, Damghan, Iran.
6. Study on resistance diversity of tomato collection of National Plant Gene Bank of Iran to early blight. Karaj Faculty, Payame Noor University, Karaj, Iran
7. Partial evaluation of Iranian lentil collection for resistance to *Fusarium oxysporum* f.sp. *lentis*. Oloom va tahghighat Branch of ISLAMIC AZAD UNIVERSITY, Tehran, Iran.
8. Evaluation of selected landrace accessions from National plant Gene-Bank of Iran to wheat stem rust. Oloom va tahghighat Branch of ISLAMIC AZAD UNIVERSITY, Tehran, Iran.
9. Screening of Gilan wheat landraces collection of National Plant Gene-Bank of Iran for resistant to wheat stem rust. Tehran Faculty of Payame Noor University, Tehran, Iran.
10. Evaluation of reaction and study on genetic of resistance to wheat stem rust in some Iranian wheat landrace genotypes. Tarbiat Modaress University, Tehran, Iran.
11. Evaluation of selected synthetic hexaploid wheat accessions to wheat stem rust *Puccinia graminis* Pers. f. sp. *tritici* from National plant Gene-Bank of Iran. Varamin Branch of ISLAMIC AZAD UNIVERSITY, Tehran, Iran.
12. Virulence diversity of *Ascochyta rabiei* the causal agent of *Ascochyta* blight of chickpea in the western provinces of Iran and evaluation of selected accessions of National Plant Gene-Bank of Iran for resistant to them. Oloom va tahghighat Branch

of ISLAMIC AZAD UNIVERSITY, Tehran, Iran.

13. Evaluation of muskmelon collection of National plant Gene-Bank of Iran to virulent races of *Fusarium* blight. Oloom va tahghighat Branch of ISLAMIC AZAD UNIVERSITY, Tehran, Iran.

Teaching

Courses in undergraduate, graduate and training

- Seed health
- Plant Pathology,
- Disease of Field crops,
- Disease of Fruit trees,
- Management of pest and disease of plant
- Mycology.