CURRICULUM VITAE

Hassan Momeni (PhD)

Iranian Research Institute of Plant Protection (IRIPP)
Research Department of Plant Diseases
P.O. Box 1454, Tehran 19395, Iran
Tel: 22403022
Fax:
E-mail: h.momeni@areeo.ac.ir hmomeni5@gmail.com
URL: www.iripp.ir

Academic qualifications

BSc: Plant Protection, University of Mashhad, Iran, (1995-1998).

MSc: Plant pathology, University of Mashhad, Iran, (1999-2001).

PhD: Plant Pathology, University of Tehran, Iran (2008 -2012).

Research interests:

My main research interests are in the area of cereal fungal pathology with emphasis on corn and wheat fungal pathogens.

Selected research projects:

- Study on the genetic variability of section Liseola in the Genus Fusarium using morphological and molecular markers in corn fields of Iran (2006-2009).
- Investigation on the genetic and pathogenicity variability of *Ustilago maydis* isolates causing Corn common smut using molecular markers in corn fields of Iran(2008-2012).
- Race identification of *Pyrenophora tritici-repentis*, the causal agent of wheat tan spot in north part of Iran and evaluation of teleomorph production (2010-2013).

- Study on the importance of Gibberella ear rot of corn and determination of pathogenic and molecular groups of *Fusarium graminearum* in wheat-corn rotation (2014 up to now)

- Survey of corn ear rot, stalk rot and seedling blight with the causal agent of *Stenocarpella maydis* in Iran(2013-2015).

- Evaluation of wheat resistance to tan spot disease with emphasis on varieties prevalent in northern climate of country (2013 -2015).

-Study on wheat promising lines resistance to tan spot and spot blotch diseases in field (2015 -2017).

-Determination of pathogenicity groups of *Phoma lingam* the causaual agent of canola black leg in infected provinces of Iran (2004-2007).

-Writing strategic program for researches on pathogens of corn and forage crops in Iran(2006-2008).

Selected publications:

Journals papers

-Ghorbi, M., **Momeni, H.,** Rashidi, V., Ahmadzadeh, A. and Yarnia, M. (2021). Resistance of some wheat cultivars to the main race of tan spot disease in Ardabil province. Journal of applied research in plant protection 11(2): doi 10.22034/ARPP.2021.13624

Nazari, F., Safaie, N. and **Momeni, H.** (2021). Evaluation of fluorescence-activated cell sortingtechnologyin agrobacterium biocontrol. Journal of Crop Protection 10(2): 391-399.

-**Momeni, H.,** Akhavan, A., Aboukhaddour, R., Javan-Nikkhah, M., Razavi, M., Naghavi, M. R., and Strelkov, S. E. (2019). Simple sequence repeat marker analysis reveals grouping of Pyrenophora tritici-repentis based on geographical origin. Canadian Gournal of Plant Pathology, DOI: 10.1080/07060661.2019.1566178

-Pouzeshimiab, B., Razavi, M., Zare, R. and **Momeni, H**. (2016). The genetic structure and aggressiveness of *Fusarium pseudograminearum* populations in Iran. Journal of plant diseases and protection. DOI 10.1007/s41348-016-0033-0.

-**Momeni, H**. and Nazari, F. (2016). Population Genetic Structure among Iranian Isolates of *Fusarium verticillioides*. Journal of Plant Pathology and Microbiology 7: 355. doi:10.4172/2157-7471.1000355.

-**Momeni, H.,** Aboukhaddour, R., Javan-Nikkhah, M., Razavi, M., Naghavi, M. R., Akhavan, A. and Strelkov, S. E. (2014). Race identification of *Pyrenophora tritici-repentis* in Iran. Journal of Plant Pathology 96 (2): 287-294.

-**Momeni, H.,** Javan-Nikkhah, M., Razavi, M. and Naghavi, M. R. (2013). Study of the population genetic structure and Telemorph production of *Pyrenophora tritici-repentis* the causal agent of wheat tan spot in north of Iran. Iranian Journal of Plant Protection Science 44(1): 27- 39.

- **Momeni, H.**, Javan-Nikkhah, M., Razavi, M. and Naghavi, M. R. (2011). First report of the sexual stage of *Pyrenophora tritici-repentis* in Iran. Iranian journal of Plant Pathology 47: 475-476.

-Nazari, F., Niknam, G. R., Ghasemi, A., Taghavi, S. M., **Momeni, H**. and Torabi, S.(2007).An investigation on strains of *Clavibacter michiganensis* subsp.*michiganensis* in North and North West of Iran. J. Phytopathology 155: 563-569.

-**Momeni, H**., M.Falahati-Rastegar, J. Mozafari, and B. Jafarpour. (2004). Determination of Anastomosis Groups among pathogenic isolates of *Rhizoctonia solani* in sugarbeet fields of Khorasan province. J. of Agri. Sci. and Tech. 20(1): 47-56.

-**Momeni, H**., J. Mozafari, M.Falahati-Rastegar, and B. Jafarpour. (2004). Analysis of DNA polymorphism in Anastomosis Groups of *Rhizoctonia solani* in sugarbeet fields of Khorasan province using RAPD marker. Iranian J. of plant pathology 44: 495-505.

Conference papers:

-**Momeni, H**. and Kazemi, H. (2016). Survey on corn ear rot, stalk rot and seedling blight with the causal agent of *Stenocarpella maydis* in Iran. Proceeding of 22th Iranian plant protection congress, University of Tehran, Karaj, Iran.

- Kazemi, H., **Momeni, H.** and Barari, H. (2016). Study on the importance of Gibberella ear rot of corn in North and North-West of Iran. Proceeding of 22th Iranian plant protection congress, University of Tehran, Karaj, Iran.

- **Momeni, H.,** Kazemi, H. and Barari, H. (2016). Evaluation of wheat resistance to tan spot disease with emphasis on varieties prevalent in northern climate of country. Proceeding of 22th Iranian plant protection congress, University of Tehran, Karaj, Iran.

-Kazemi, H. and **Momeni, H.** (2016). First report of *Fusarium graminearum* and its teleomorph from maize in Moghan plain. Proceeding of 22th Iranian plant protection congress, University of Tehran, Karaj, Iran.

-**Momeni, H.,** Javan-Nikkhah, M., Razavi, M. and Naghavi, M. R. (2013). Study of genes responsible for toxin production in Iranian population of *Pyrenophora tritici-repentis* the causal agent of wheat tan spot.Proceding of 8th national congress of biotechnology.Tehran, Iran.

-Pouzeshi, B., Razavi, M., Zamanizadeh, H., Zareh, R., Rezaee, S. and **Momeni, H.** (2013).Study of genotypic diversity of *Fusarium culmorum* in wheat field populations in five province of Iran. Proceding of 8th national congress of biotechnology.Tehran, Iran.

-Momeni, H., Rabaninasab, H. and Nazari, F. (2013). Evaluation of antagonistic effects of bacteria formulated in phosphorus biofertilizers on the causal agent of sugarbeet reeot rot and potato dry rotthe proceeding of 4th national Biosaftey congress of Iran.Tehran, Iran.

-Momeni, H., Kamran, R., Jalali, S., sheilkoleslam, M. Davoodi, A., Aminaee, M. M., Sharifi, P. (2012).Molecular study of the corn common smut pathogen in Iran. Proceeding of 20th Iranian Plant Protection congress.Page 404.

-Momeni, H., Kamran, R., Jalali, S., sheilkoleslam, M. Davoodi, A., Aminaee, M. M., Sharifi, P. (2012).Study of the corn common smut in Iran. Proceeding of 20th Iranian Plant Protection congress.Page 55.

-Nazari, F., **Momeni, H**. and Rabaninasab, H. (2012).Antagonistic effects of pseudomonas putida strains p5 and p13 against *Rhizoctonia solani* and *Fusarium oxysporum* fsp. *tuberose*. Proceeding of 20th Iranian Plant Protection congress.Page 269.

-Momeni, H., Javan-Nikkhah, M., Razavi, M. and Naghavi, M. R. (2012). Molecular study of wheat tan spot pathogen in Iran. Proceeding of 20th Iranian Plant Protection congress.Page 492.

-**Momeni, H**. and Afshari-Azad, H. (2010). Study of genetic variability among *Phoma lingam* isolates the cause of Canola black leg in Iran. Proceeding of 19th Iranian plant protection congress, 31 July-3 August, P 175.

-**Momeni, H**. and Afshari-Azad, H. (2010).Molecular phenotype of canola black leg fungus. Proceeding of 19th Iranian plant protection congress, 31 July-3 August, P 176.

-**Momeni, H**., Nazari, F.2008. (2008). Genetic variability of the causal agent of Corn ear rot .Proceeding of the 10th Genetic congress Iranian Society.21-23 May.P 171.

-**Momeni, H**., Razavi, M. and Nazari, F. (2008). Molecular phenotypes of corn ear rot fungus**.** 18th Iranian Plant Protection Congress, 23-25 September, P608.

-**Momeni, H**., Razavi, M. and Nazari, F. (2008). Determination of Vegetative Compatibility Groups in *Fusarium verticillioides* the causal agent of corn ear rot in Iran. 18th Iranian Plant Protection Congress, 23-25 September, P37.

-Nazari, F., Niknam, G. R. ,Ghasemi1, A. and **Momeni1, H**. (2008). Study of plasmid profiles in *Clavibacter michiganensis* subsp. *michiganensis* and the effect of plasmid in pathogenesis. 18th Iranian Plant Protection Congress, 23-25 September 2008, P439.

Nazari,F.,Niknam,GR.,GHasemi,A.,Taghavi,S.M.,**Momeni,H**.andTorabi,S.(2006).Determination of genetic diversity among isolates of *Clavibacter michiganensis* susp *michiganensis* in West Azarbaijan and Golestan provinces. Proceeding of the 17th Iranian Plant Protection Congress, 2-5 September, Karaj, Iran.

-**Momeni, H**. and M. Bahari. (2005). New Techniques in diagnostic works of sugarbeet pathogens. The 27th Iranian sugar congress, 3-5 May 2005, Mashhad, Iran.

-**Momeni, H**., M.Falahati-Rastegar, J. Mozafari and B. Jafarpour. (2004). Evaluation of *Rhizoctonia solani* isolates the cause of sugarbeet seedling damping-off and root rot in Khorasan province and investigating the effect of disease on qualitative factors of sugarbeet. Proceeding of the 16th Iranian Plant Protection Congress, 28 Aug.-1 Sept. 2004, Tabriz, Iran.

-**Momeni, H**. and M. Bahari. (2004). An investigation on Plant protection activities in Khorasan sugarbeet production. The 26th Iranian sugar congress, 5-7 May Mashhad, Iran.

-**Momeni, H**., Bahari, M. (2004). Genetic Engineering as a tool to improve sugar beet diseases resistance seeds. shekarshekan, No 84:6-9.

-**Momeni, H**., J. Mozafari, M.Falahati-Rastegar, and B. Jafarpour. (2003). Study on Morphological (AG) and Molecular (RAPD) markers to determination of genetic diversity among pathogenic isolates of *Rhizoctonia solani* in sugarbeet fields. The 3rd National Congress of Biotechnology, 9-11 Sept. 2003, Mashhad, Iran.

-**Momeni, H**. and M. Bahari. (2003). Genetic Engineering as a tool to improve sugarbeet diseases resistance seeds and suitable use of them in sugarbeet culturing. The 25th Iranian sugar congress, 6-8 May 2003, Ahvaz, Iran.

-**Momeni, H**., J. Mozafari, M.Falahati-Rastegar, and B. Jafarpour. (2002). Determination of genetic diversity among pathogenic isolates of *Rhizoctonia solani* in khorasan sugarbeet fields with Molecular marker (RAPD-PCR). Proceeding of the 15th Iranian Plant Protection Congress, 7-11 September 2002, Kermanshah, Iran.

-**Momeni, H**., M.Falahati-Rastegar, J. Mozafari and B. Jafarpour. (2002). Study on *Rhizoctonia solani* isolates the cause of sugarbeet seedling damping-off and root rot in Khorasan. Proceeding of the 15th Iranian Plant Protection Congress, 7-11 September 2002, Kermanshah, Iran.

-**Momeni, H**., J. Mozafari, M.Falahati-Rastegar, and B. Jafarpour. (2001). A modified method for DNA extraction from pathogenic isolates of *Rhizoctonia solani* and evaluation the possibility use of RAPD as a molecular marker to determination fungal genetic diversity. The 23th Iranian sugar congress, 29-31 August 2001, Mashhad, Iran.

Books:

Esmael zade, M. and et al. 2015. Wheat guide. Agricultural Research, Education and Extention Organization. Agricultural education press. 426 pages.

Momeni, H. and et al. 2016. Plant protection of Maize. Iranian Research Institute of Plant Protection.

Momeni, H. and et al. 2018. Plant protection of Sorghum. Iranian Research Institute of Plant Protection.

Applied Instructions

-**Momeni, H**., Kazemi, H., Zamani, M., Jalali, S. and Kamran, R. (2015). Management of corn common smut caused by Ustilago maydis. Registration No. 48140. Iranian Research Institute of Plant Protection.

-**Momeni, H**., Razavi, M., Kazemi, H. and Rayatpana, S. 2015. Management of wheat tan spot disease. Registration No. 47630. Iranian Research Institute of Plant Protection.

-Momeni, H. 2014. Management of corn ear rot caused by *Fusarium verticillioides*. Registration No.45592. Iranian Research Institute of Plant Protection.

-Kazemi, H. and **Momeni, H**. 2015. Management of wheat yellow rust. Registration No. 46869. Iranian Research Institute of Plant Protection.

Training and sabbatical time attendance

- Attendance in the Florimondesprez, **France**, 2004.
- Attendance at CIMMYT, **Mexico**, in an advanced cereal pathology course, 2011.
- Attendance at the University of Alberta, Edmonton, **Canada**, as my PhD sabbatical time, 2012.
- Attendance at the University of Boku, **Austria**, as sabbatical time, 2015.