



Islamic Azad University

CURRICULUM VITAE



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ACADEMIC QUALIFICATION

● **Ph.D.** of Plant Pathology – Plant Virology & Viral Diseases , Islamic Azad University ,2015, Tehran , Iran. GPA: 17.12 of 20 . **Top 5%**.

Seminar Title: The Genetic Basis of Plant-Virus Interactions.

Special Topic Title: Applications of Transgenic Plants in Phytoremediation.

Thesis Title: Detection of ssDNA Viruses by Metagenomics in Farms of Leguminous Crops of Lorestan & Markazi Provinces.

● **M.Sc.** of Agricultural Eng.-Plant Pathology , Tehran University ,1998, Iran. GPA:17.82 out of 20 .**Top 5%** .

Thesis Title: Study of Tomato Spotted Wilt Virus (TSWV) on tomatoes in Tehran Province .

Seminar Title: Protection against viruses in transgenic plants that express Antisense RNA genes .

Case Study Title: Resistance to viruses in plants transformed with the coat protein genes.

● **B.Sc.** of Agricultural Eng.-Plant Medicine , Tehran University , 1994, Iran . GPA: 15.99 out of 20. **First Rank**.

AREA OF INTEREST

- Molecular Plant Virology
- Viral Diseases
- Plant Resistance against Viruses
- Interactions between Plant & Virus

PUBLICATIONS

Conference Papers :

- 1-**A.Esmaeilifar** , M.Mohammadi , J.Zad , G.Mosahebi , M.Okhovat , "Study of TSWV on tomatoes in Tehran Province" .13th Iranian Plant Protection Congress,1998.
- 2-**A.Esmaeilifar**, A.Abbassi, R.Zarghami, "Detection of Potato Spindle Tuber Viroid (PSTVd) in Karaj".15th Iranian Plant Protection Congress,2002.
- 3- **A. Esmaeilifar**, Mohammad Nezamabadi & Alizaman Mirabadi.,2008, Control of Broomrape in Iran., International Symposium on Broomrape (*Orobanche spp.*) in Sunflower., Antalya, Turkey.
- 4-A.Zaman Mirabadi , **A. Esmaeilifar**, R. Mehdi Alamdarlou.2008., Evaluating efficacy of two herbicides from Imidazolinone group on rapeseed weeds control from crucifer family in Mazandaran province.5th International Weed Science Congress. ,Vancouver-Canada.
- 5- A.Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmaeilifar** & K.Foroozan.2008., Study on mycoflora of soybean seeds in Mazandaran & Golestan provinces.18th Iranian Plant Protection Congress.Hamedan-Iran.
- 6-R.Mehdi Alamdarlou.,A.Zaman Mirabadi.,**A. Esmaeilifar** & K.Foroozan., 2008., Integrated management of rapeseed white stem rot disease.18th Iranian Plant Protection Congress.Hamedan-Iran.
- 7-R.Mehdi Alamdarlou.,A.Zaman Mirabadi.,**A. Esmaeilifar** & K.Foroozan., 2009, APPS 2009 Plant Health Management: An Integrated Approach. Newcastle –Australia.
- 8- A.Zaman Mirabadi., **A. Esmaeilifar**, A.Alian,& R. Mehdi Alamdarlou, 2009, First report of *Macrophominia phaseolina* on rapeseed stem in some province. APPS 2009 Plant Health Management: An Integrated Approach. Newcastle –Australia.
- 9- A.Zaman Mirabadi.,K.Rahnama , R. Mehdi Alamdarlou, & **A. Esmaeilifar**, 2009, In vitro study on effect of Nanosilver (Nanosid) on *Sclerotinia sclerotiorum* fungi the causal agent of rapeseed white stem rot. APPS 2009 Plant Health Management: An Integrated Approach. Newcastle –Australia.
- 10- A.Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmaeilifar** & H.Fathi,2010. Distribution of *Leptosphaeria maculans* in Iran. 19th Iranian Plant Protection Congress. Tehran-Iran.
- 11- A.Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmaeilifar**.2010. Evaluation nano-silver on *Phoma lingam* in vitro.. 19th Iranian Plant Protection Congress. Tehran-Iran.
- 12- K. Farhangasa, **A. Esmaeilifar** & A.Siadat.2010. Study of effect of date of planting on yield of soybean in Dezful, Khuzestan. 3th International Seminar on Oilseed & Edible Oil .Tehran, Iran.

- 13- M.Hasanpour-Rad, Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmailifar** & M.Samadi. 2010. Effect of genotype and culture in callus production of soybean anther . 3th International Seminar on Oilseed & Edible Oil .Tehran, Iran.
- 14- M.Samadi, Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmailifar** & M.Hasanpour-Rad. 2010. Production of haploid & double-haploid plants by microspore culture in *Brassica* species. 3th International Seminar on Oilseed & Edible Oil .Tehran, Iran.
- 15- A.Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmailifar**.2010.Biology of fungus diseases of canola in north of Iran and their control methods. 3th International Seminar on Oilseed & Edible Oil .Tehran, Iran.
- 16- R.Mehdi Alamdarlou.,A.Zaman Mirabadi.,**A. Esmailifar**. 2010. Review of biologic control of *Sclerotinia sclerotiorum* . 3th International Seminar on Oilseed & Edible Oil .Tehran, Iran.
- 17- A.Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmailifar**, S.I. Janani , A.Hasanzadeh. 2011. An evaluation on the effects of sowing date, variety and number of spraying on rapeseed pollen beetle control in Iran. 13th International Rapeseed Congress. Prague, Czech Republic.
- 18- A.Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmailifar**, A.Hasanzadeh. 2011. *Sclerotinia* stem rot disease of rapeseed in the north of Iran . 13th International Rapeseed Congress. Prague, Czech Republic.
- 19-**A. Esmailifar** , 2013. The Role of Food Security in National Security of Islamic Republic of Iran. International E-Conference on Economy under Sanctions. University of Mazandaran , Babolsar, Iran.
- 20- **A.Esmailifar** , 2014 , The Role of Food Security in Sustainable Development & National Security of Islamic Republic of Iran. The 2th National Conference of Necessities of Sustainable Development of IRI. Arak, Iran.

Journal Papers :

- 1-**A.Esmailifar** , M.Mohammadi , J.Zad , G.Mosahebi , M.Okhovat.2000." TSWV symptom development on indication plant and its detection by electron microscopy in Tehran Province". Iranian J. of Agricultural Sciences. Vol. 31:807-812.
- 2-M.Mohammadi , **A.Esmailifar** , J.Zad , G.Mosahebi , M.Okhovat.2000. "Serological detection and symptom logy of TSWV in Tehran Province, Iran". J. of Agricultural Science and Technology .Vol.2:107-117.
- 3-**A.Esmailifar**. 2003. Biotechnology & Its Applied Aspects. J. of Vegetable Oil Industry. No.5: 38-40.
- 4- A.Zaman Mirabadi , K.Rahnama .,**A. Esmailifar**, 2009., First Report of pathogenicity group 2 of *Leptosphaeria maculance* causing black leg of oilseed rape in Iran. <http://www.ndrs.org.uk/article.php?id=019035>.
- 5-A.Zaman Mirabadi., R. Mehdi Alamdarlou, **A. Esmailifar**. 2009.Report of *Coniothyrium minitans* on *Sclerotinia sclerotiorum* from Iran.Rostaniha.Vol.10 (1):141-142.

WORK & EDUCATION EXPERIENCES

- **Academic Staff** Agricultural Biotechnology Research Institute of Iran (ABRII) , Karaj , Iran. Researcher detection potato viruses by ELISA in produced mini-tubers through tissue culture (2001-2002).
- **Faculty Member** Dept. of plant protection, Fac. of Agriculture & Natural Resources, Islamic Azad University , Tehran , Iran. Teaching plant Pathology, plant diseases (viruses, prokaryotes, nematodes, fungus,...) to the B.Sc. & M.Sc. student of Plant Pathology. Research supervision in plant diseases projects (2002-Present).
- **Deputy of Research** Oilseed Research & Development Co. of Iran (ORDC), Tehran , Iran. Research (diseases, agronomy, breeding) and seed production of oilseeds(rapeseed, soybean, sunflower, safflower) management & supervision (2007-2011).
- **Managing Director** Tamir Co. Agri- Food Business & Production (2011-2013).
- **President** of Scientific - Applied University of Edible Oil Industries & Oilseeds of Iran (2014- 2015).
- **Institutor & Head** of Food Security Research Institute of IAU (Now).

Computer Skills:

Software: Word , IE , Network,.....

Language:

Persian: Native

English: Fluent in speaking , writing , reading & listening

Turkish: Native

CERTIFICATES

- First 7-day workshop on "In Situ Hybridization" held at Agricultural Biotechnology Research Institute of Iran (ABRII) by Dr. Fida M. Abbassi (NARC) , Karaj , Iran (2001).
- First 9-day workshop on "Technology for Virus Detection and Control in Seed Potato Production" held at Seed & Plant Improvement Institute by Dr. Luis F. Salazar (CIP), Karaj , Iran (2001).
- First 1- day Workshop on “Soybean Cyst Nematode, *Heterodera glycines* in Iran” held at Plant Protection Research Institute , Gorgan, Iran (2006) .
- International 3-day Workshop on “ The Analysis of Agricultural Products for the Presence of Genetically Modified Organisms” held in the National Institute of Genetic Engineering & Biotechnology (NIGEB)., Tehran, Iran (2009).
- Representative of Islamic Republic of Iran for first working committee 3-day workshop on the establishment of D-8 Seed Bank , Izmir, Turkey (2009).

TECHNICAL SKILLS

- ☑ Membership in working group of Food Safety National Document Compilation , Food & Drug Organization, Ministry of Health & Medical Education, Tehran, Iran.
- ☑ Representative of Islamic Republic of Iran for Establishment of D-8 Countries Seed Bank in D-8 Countries Ministers of Agriculture Meeting on Food Security .
- ☑ Representative of Islamic Republic of Iran for Establishment of ECO Seed Association . 14-16 Mar.2009,Antalya-Turkey.
- ☑ Representative of Islamic Republic of Iran in Trade ,Tourism and Investment Business Forum: The Investment Promotion in Indonesia and Export Promotion of Palm Oil, Cacao and Other Indonesian Agricultural Export Commodities to South & Central Asian Countries. 25-29 Nov.2010, Jakarta, Indonesia.
- ☑ Membership in Iranian Phytopathological Society (IPS). 1993-Present.
- ☑ Membership in Iranian Biotechnology Society (IBS). 2001-Present.
- ☑ Membership in International Seed Testing Association (ISTA). 2007-2011.
- ☑ Membership in Iranian Agricultural & Natural Resources Engineering Organization (IANREO). 2006-Present.
- ☑ I have considerable experiences in working about PTA- ELISA , Reverse Transcriptase - PCR, RNA & DNA Extraction , DIBA , Western Blot ,Gene cloning & Real Time - PCR .

HOBBIES

- ☺ I like sports specially swimming.
- ☺ I like Music.

REFERENCES

- ✂ **Dr. Mojtaba Mohammadi** , Citrus Research Board ,217 N. Encina St. P.O. Box 230 Visalia, CA 93279 USA ,Phone: 559-738-0246 (Ext. 26) ,Cell phone: 559-804-3966 Fax: 559-738-0607 ,**Email:** mojtaba@citrusresearch.org
- ✂ **Dr. Gholam Hossein Mosahebi** , Dept. of Plant Protection , Faculty of Agronomy Sciences , College of Agriculture & Natural Resources , University of Tehran ,Karaj,Iran , **Email:** mosaheb@ut.ac.ir
- ✂ **Dr. Masoud Shams-Bakhsh** , Dept. of Plant Pathology , Faculty of Agriculture , Tarbiat Modares University (T.M.U.) , Tehran, Iran. **E-mail:** shamsbakhsh@modares.ac.ir; shamsbakhsh@gmail.com