

خلاصه سوابق (CV)



دکتر مهدی ارزنلو  
گروه گیاهپزشکی  
دانشکده کشاورزی  
دانشگاه تبریز

۱- اطلاعات شخصی

نام	نام خانوادگی	مرتبه علمی	تاریخ تولد	ملیت و مذهب	وضعیت	تعداد	تاریخ شروع به کار در دانشگاه
مهدی	ارزنلو	دانشیار	۱۳۵۴/۶/۲	ایرانی - شیعه	متاهل	یک	تبریز ۱۳۸۷ 2008

پست الکترونیک	نمبر	تلفن	همراه
arzanlou@hotmail.com arzanlou@tabrizu.ac.ir	۳۳۳۵۶۰۰۶-۰۴۱	۳۳۳۹۲۰۴۸-۰۱۴	۰۹۱۴۴۴۳۳۱۰۹

Google scholar address:

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## ۲- مدارک تحصیلی

نوع مدرک	زمینه تخصصی	محل تحصیل	محل و تاریخ دریافت مدرک
دیپلم متوسطه	علوم تجربی	دبیرستان شهید غفارلو- فیروزق (خوی)	ایران- ۱۳۷۲
کارشناسی	گیاهپزشکی	دانشگاه تبریز	ایران-۱۳۷۶
کارشناسی ارشد	بیماری شناسی گیاهی	دانشگاه تهران	ایران-۱۳۷۹
دکتری تخصصی (PhD)	بیماری شناسی گیاهی- قارچ شناسی	دانشگاه واگنینگن	هلند-۱۳۸۷

## CURRICULUM VITAE

### PERSONAL DETAILS

**Name:** Mahdi Arzanlou

**Date of birth:** August-24-1975

**Gender:** Male

**Marital status:** Married

**Country of birth:** Iran

**Nationality:** Iranian

**Language:** English, Farsi, Turkish (Azeri)

**Work address:** Plant Protection Department

Agriculture Faculty

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**Email:** [Arzanlou@hotmail.com](mailto:Arzanlou@hotmail.com)

### POSITION:

Associate Professor of Mycology and Plant pathology

### RESEARCH INTERESTS

Evolution and systematic of plant pathogenic fungi (ascomycetes, mitosporic fungi)

## **EDUCATION**

1993 Diploma, Natural science, Ghaffarlou high school, Firouragh, Khoy, Iran

1997 B.Sc., Plant protection, Tabriz University, Tabriz, Iran

2000 M.Sc., Plant pathology, Tehran University, Karaj

**Thesis:** Etiology of sugar beet root rot in Karaj region of Iran

2008 Ph.D.: Evolutionary Phytopathology Group, CBS Fungal Biodiversity Centre/Phytopathology Department, Wageningen University, The Netherlands.

**Dissertation:** Phylogeny, detection, and mating behaviour of *Mycosphaerella* spp. occurring on banana.

**Assistance Professor:** 2008-2012

**Associate professor:** 2012

## **TRAINING ATTENDED**

2003 Molecular phylogenies: reconstruction and interpretation

2004 Functional genomics: theory and hands-on data analysis

2004 Introduction to fungal biodiversity

2005 Advanced topics in phylogeny re-construction

2005 Real-time PCR course

2005 Techniques for writing and presenting a scientific paper

## **SYMPOSIA AND WORKSHOPS ATTENDED**

2003 CBS/Wageningen Phytopathology symposium, The Netherlands

2003 Evolutionary consequences of life without sex, The Netherlands

2004 Fungal Taxonomy: Classical and Molecular Approaches, India

2004 Akademie colloquium: fungal phylogenomics, The Netherlands

2004 CBS centenary The Netherlands

2006 AnaSat2: from spore to culture, Australia

2007 Mini-symposium Embrapa-PRICBS projects on *Mycosphaerella*/banana, Wageningen, the Netherlands

## **RESEARCH SKILLS**

**Molecular Biology:** Basic molecular techniques including: DNA sequencing, primer and probe designing for conventional and Real-time PCR assays.

**Genetic and Genomics:** Basic techniques including: gene expression, gene annotation and comparative analysis

**Plant pathology:** Classical and advanced methods in detection and management of plant fungal disease

**Mycology:** Systematics and evolution of ascomycetes and mitosporic fungi based on morphology and molecular data

## MEMBERSHIP

Iranian Plant Pathology Society  
Mediterranean Phytopathology Union  
Iranian Mycological Society

## EDITORIAL

Editorial board of Journal of Iranian Plant Pathology

## JOURNAL REFERESS

Several peer-reviewed journals

## TEACHING

### Undergraduate

Mycology  
Fruit tree diseases  
Agronomic crop diseases  
Plant Pathology

### Graduate

Mycology 2 (MSc)  
Research methods in plant pathology (MSc)  
Advanced mycology (PhD)  
Molecular genetics (PhD)  
Application of biotechnology in plant pathology (PhD)  
Genetics of pathogenicity in plant pathogens (PhD)

## SUPERVISION OF POST-GRADUATE STUDENTS

	Student	Degree	Supervisor	Advisor	Status
1	M. Bakhshi	MSc	+		graduated
2	R. Manafi	MSc	+		graduated
3	S. Khodaei	MSc	+		graduated
4	S. Moshari	MSc	+		graduated
5	Z. Dehbovid	MSc		+	graduated
6	Z. Rouhani	MSc		+	graduated
7	M. Farkhondeh	MSc		+	graduated
8	E. Kaheh	MSc		+	graduated
9	M. Torbati	MSc	+		graduated
10	H. Dokhanchi	MSc	+		graduated
11	R. Samadi	MSc	+		graduated
12	S. Mousavi	MSc	+		graduated
13	M. Baradaran	MSc	+		graduated

14	N. Narmani	MSc	+		<b>graduated</b>
15	M. Davari	PhD	+		<b>graduated</b>
16	M. Bakhshi	PhD	+		<b>graduated</b>
17	A. Chenari	PhD	+		<b>graduated</b>
18	E. Mohammadiyan	PhD	+		going on
19	L. Mokhtarnejad	PhD	+		<b>graduated</b>
20	SA. Safavi	PhD		+	<b>graduated</b>
21	A. Khodaei	PhD		+	<b>graduated</b>
22	A. Akbari	PhD		+	<b>graduated</b>
23	A. Rezaei	MSc		+	<b>graduated</b>
24	M. Ieghvani	MSc	+		<b>graduated</b>
25	R. Shahi	MSc		+	<b>graduated</b>
26	N. Bolandi	MSc		+	<b>graduated</b>
27	M. Reyhani	MSc		+	<b>graduated</b>
28	M. Jafakesh	MSc		+	<b>graduated</b>
29	S. Khoadei	PhD	+		going on
30	Z. Heydarian	PhD	+		going on
31	K. Karimi	PhD	+		going on
32	E. Mollaei	MSc	+		<b>graduated</b>
33	S. Zohrabi	MSc		+	<b>graduated</b>
34	A. Narmani	PhD	+		going on
35	M. Torbati	PhD	+		going on
36	H. Dokhanchi	PhD	+		going on
37	B. Ghanbarzadeh	PhD	+		going on
38	F. Mirabi	MSc	+		<b>graduated</b>
39	S. Ghasemi	MSc	+		<b>graduated</b>
40	A. Saken-Bonab	MSc	+		going on
41	N. Ahmadi	MSc	+		going on
42	E. Khoshmanzar	MSc	+		<b>graduated</b>
43	N. Haspour	MSc	+		going on
44	S. Eghbali	MSc	+		going on
45	H. Golmohammadi	MSc	+		going on
46.	M. Mehrabioon	PhD	+		going on

## LIST OF PUBLICATIONS

### Book Chapter:

Fungal Diseases of Banana. In: Bananas, Nutrition, Diseases and Trade Issues (2010). Andrew C. James, **Mahdi Arzanlou**, Blondy Canto Canche, Laura Conde Ferraez, Jorge Ramirez Prado and Santy Peraza Echeverria. Nova Science Publishers, New York. ISBN:978-1-61761-124-7.

### Book translated:

Arzanlou M, Bakhshi M, Narmani A (2016). Fusarium Laboratory Manual. Asre-Zendagi publisher, Tabriz, Iran.

## Full papers

1. Nozad-Bonab Z, Hejazi MJ, Iranipour S, Arzanlou M (2017). Lethal and Sublethal Effects of Some Chemical and Biological Insecticides on *Tuta absoluta* (Lepidoptera: Gelechiidae) Eggs and Neonates. *Journal of Economic Entomology* doi: 10.1093/jee/tox079.
2. Crous et al. (2016). Fungal Planet description sheets: 469–557. *Persoonia* 37: 218-403 doi.org/10.3767/003158516X694499.
3. Rashidaghdam, A, Babai Ahari A, Karimia K, Arzanlou M (2017). Cryptosphaeria canker of *Populus nigra* caused by *Cryptosphaeria pullmanensis*, a new threat to poplar industry in Iran. *Journal of Phytopathology* (in press).
4. Karimia K, Babai-Ahari A, Arzanlou M, Amini J, Pertot I (2017). Comparison of indigenous *Trichoderma* spp. strains to a foreign commercial strain in terms of biocontrol efficacy against *Colletotrichum nymphaeae* and related biological features. *Journal of Plant Diseases and Protection* doi: 10.1007/s41348-017-0088-6.
5. Mohammadian E, Arzanlou M, Babai-Ahari A (2017). Diversity of culturable fungi inhabiting petroleum-contaminated soils in Southern Iran. *Antonie van Leeuwenhoek* 1-21 doi: 10.1007/s10482-017-0863-1.
6. Arzanlou M, Narmani A, Torbati M (2016). Sour cherry powdery mildew caused by *Podosphaera clandestina* in Iran. *Australasian Plant Disease Notes* 12 (1): 6.
7. Arzanlou M, Narmani A (2016). First appearance of smut disease on woodland tulip, *Tulipa sylvestris*, in Iran. *Plant Pathology and Quarantine*. 7 (1): 48-51.
8. Arzanlou M, Torbati M (2016). Powdery mildew on greengage (*Prunus domestica* subsp. *italica* var. *claudiana*) detected in Iran. *Australasian Plant Disease Notes* 12 (1): 7.
9. Torbati M, Arzanlou M, Bakhshi M (2016) Morphological and molecular identification of ascomycetous coprophilous fungi occurring on feces of some bird species. *Current Research in Environmental & Applied Mycology* 6(3): 210–217, Doi 10.5943/cream/6/3/9.
10. Narmani A, Arzanlou A, Babai-ahari A (2016). Uneven distribution of mating-type alleles among *Togninia minima* isolates, one of the causal agents of leaf

- stripe disease on grapevines in Northwest Iran. *Journal of Phytopathology* 164: 441–447 doi:10.1111/jph.12469.
11. Karimia K, Khodaei S, Rota-Stabelli O, Arzanlou M, Pertot I (2016) Identification and characterization of two new Fungal Pathogens of *Polygonatum odoratum* (Angular Solomon's seal) in Italy. *Journal of Phytopathology* 164: 1075–1084 doi: 10.1111/jph.12528.
  12. Karimi K, Arzanlou A, Pertot I (2016). Antifungal activity of the dill (*Anethum graveolens* L.) seed essential oil against strawberry anthracnose under in vitro and in vivo conditions. *Archives of Phytopathology and Plant Pathology* 49 (19-20): 554-566 <http://dx.doi.org/10.1080/03235408.2016.1243999>.
  13. Karimia K, **Arzanlou M**, Babai-ahari A, Pertot I, (2016). Biological and molecular characterisation of *Pilidium lythri* (formerly known as *Pilidium concavum*) isolates, an emerging strawberry pathogen in Iran. *Mediterranean Phytopathology* 55 (3): 366-379.
  14. Samadi R, Arzanlou M, Ghosta Y (2016). Three new species of *Penicillium* section *Citrina* for the mycobiota of Iran, from soils of the National Park of Urmia Lake. *Rostaniha* 16(2): 135-145.
  15. **Arzanlou M**, Samadi R, Frisvaad J, Hubrakan J, Ghosta Y (2016). Two novel Aspergillus species from hypersaline soils of The National Park of Urmia Lake (Iran). *Mycological Progress* 15 (10-11): 1081-1092 doi: 10.1007/s11557-016-1230-8.
  16. Karimia K, Babai-ahari A, **Arzanlou M**, Amini J, Pertot I, Rota-Stabelli O (2016). Application of the consolidated species concept to identify the causal agent of strawberry anthracnose in Iran and first molecular dating of the *C. acutatum* species complex. *European Journal of Plant Pathology* 147 (2): 375-387 DOI: 10.1007/s10658-016-1009-4.
  17. Mokhtarnejad L, **Arzanlou M**, Babai-ahari A, Di Mauro S, Onofri A, Buzzini P, Turchetti B (2016) Characterization of basidiomycetous yeasts in hypersaline soils of the Urmia Lake National Park, Iran. *Extremophiles* 20: 915–928.
  18. **Arzanlou M**, Narmani A (2106). Genetic diversity in Iranian populations of *Togninia minima*, one of the causal agents of leaf stripe disease on grapevines. *Eurasian Journal of Biosciences* 10: 41-50.
  19. **Arzanlou M**, Torbati M (2016). Occurrence of powdery mildew on *Ulmus carpinifolia* in Tabriz, East Azerbaijan province, Iran. *Plant Pathology and Quarantine* 6(2): 133–135.

20. Karimia K, Babai-ahari A, Weisany W, Pertot I, Vrhovsek U, **Arzanlou M** (2016). *Funneliformis mosseae* root colonization affects *Anethum graveolens* essential oil composition and its efficacy against *Colletotrichum nymphaeae*. ***Industrial Crops and Products*** 90: 126–134.
21. Khodaei A, Babai-Ahari A, **Arzanlou M** (2016). Study on the incidence of *Penicillium* species on grape and raisin in northwest of Iran. ***Applied Research in Plant Protection*** (in press).
22. Arzanlou M, Ghasemi Esfahlan S, Baradaran Bagheri M (2016). *Collophora hispanica*, a new pathogen and potential threat to the almond industry in Iran. ***Journal of Phytopathology*** doi: 10.1111/jph.12503.
23. Ranjbar S, Shirzad A, Arzanlou A (2016). Investigating some of the biocontrol mechanisms of *Pichia membranefaciens* yeast against *Penicillium crustosum* causing gray mold disease of the grapes. ***Biological Control of Pest and Diseases*** 5(1): 97-110.
24. Arzanlou M, Karimi K, Mirabi F (2016). Some evidence for skewed mating type distribution in Iranian populations of *Rhynchosporium commune*, the cause of barley scald disease. ***Journal of plant Protection Research*** 56 (3): 237-243.
25. Koolivand D, Davari M, Sokhandan bashir N, Arzanlou M (2013). Optimization viral dsRNA extraction protocol for some *Fusarium* spp. ***Plant Protection Journal*** 6 (4): 365-375.
26. Heidarian Z, **Arzanlou M**, Babai-Ahari A, Ahmadpour A (2016). Phenotypic and macular characterization of *Exserohilum* species from Iran. ***Nova Hedwigia*** 103 (3-4): 327-338.
27. Ghasemi Esfahlan S, **Arzanlou M**, Babai-ahari A (2016). Detection of *Biscogniauxia mediterranea*, the causal agent of charcoal rot disease on oak in Arasbaran forests and evaluation of its pathogenicity on oak under glasshouse conditions. ***Iranian Journal of Plant Pathology*** 52(2): 217-230.
28. Gholmohamadi R, Babai-ahari A, **Arzanlou M**, Khodaei S (2016). Identification and pathogenicity of fungi causing leaf spot on *Populus* spp leaf in east Azerbaijan province. ***Applied Research in Plant Protection*** 5 (2): 105-117.
29. Mousavi S, Arzanlou M (2016). Identification, biology and management of sugar beet *Cercospora* leaf spot disease. ***Plant Pathology Sciences*** 5(2):13-22.



30. Eghbali F, Babai-Ahari A, **Arzanlou M** (2016). Identification and pathogenicity of fungi causing cucumber (*Cucumis sativus* L.) leaf spot disease in east Azerbaijan province. *Applied Research in Plant Protection* (in press).
31. Khodaei A, **Arzanlou M**, Babai-Ahari A, Hubrakan J (2016). Five new species of *Penicillium* and *Talaromyces* for mycobiota of Iran. *Rostaniha* 16(2): 186-199.
32. Gholmohamadi R, Babai-ahari A, **Arzanlou M**, Khodaei S (2015). Morphological and molecular identification and pathogenicity of Septoria species involved in leaf spot disease on *Populus* species in East Azerbaijan, West Azerbaijan and Ardabil provinces. *Iranian Journal of Plant Pathology* 51: 357-365.
33. **Arzanlou M**, Ghasemi Esfahlan S, Khodaei S, **Tavakoli M**, Babai-ahari A (2016). Molecular diagnostics of *Biscogniauxia mediterranea*, the causal agent of charcoal rot disease on oak using species-specific primers. *Applied Research in Plant Protection* (in press).
34. Leghvani M, **Arzanlou M**, Babai-ahari A (2016). Identification of *Monilinia* species associated with brown rot disease of stone fruit trees in West Azarbaijan province of Iran, based on morphological and molecular characteristics. *Applied Research in Plant Protection* 5 (1): 143-157.
35. Mousavi S, **Arzanlou M** (2015). Inhibitory potential of some fungal antagonists on *Cercospora beticola* the causal agent of cercospora leaf spot disease on sugarbeet, under laboratory and greenhouse conditions. *Applied Research in Plant Protection* 4: 171-189.
36. Mousavi S, **Arzanlou M**, Bakhshi M, Khakvar R, Bandehagh A (2016). Inhibitory effects of antagonistic bacteria inhabiting the rhizosphere of the sugarbeet plant, on *Cercospora beticola*, the causal agent of cercospora leaf spot disease on sugarbeet. *Journal of plant Protection Research* 56 (1): 6-14.
37. Mokhtarnejad L, **Arzanlou M**, Babai-ahari A (2015). Molecular and phenotypic characterization of ascomycetous yeasts in hypersaline soils of Urmia Lake basin (NW Iran) *Rostaniha* 16(2): 174-185.
38. Karimi K, Babai-ahari A, Arzanlou M (2015). Strawberry anrthconse disease. *Plant Pathology Sciences* 4 (2): 26-40.
39. Akbari A, Hadad Iraninejad K, Khanjani M, **Arzanlou M**, Kazmierski A (2015). *Tydeus shabestariensis* sp. nov. and description of the male of *Neopronematus sepasgosariani* (Acari: Tydeoidea), with a key to the Iranian species of Tydeus. *Zootaxa* 4032 (3): 264–276.

40. Chenari A, Arzanlou M, Tojo M, Babai-ahari A (2015). *Pythium kandovanense* sp. nov., a fungus - like eukaryotic microorganism (Stramenopila, Pythiales) isolated from snow covered ryegrass leaves. *International Journal of Systematic and Evolutionary Microbiology* 65(8): 2500-6.
41. Bakhshi M, **Arzanlou A**, Babai-ahari A, Groenewald JZ, Braun U, Crous PW (2015). Applying the consolidated species concept to differentiate species of *Cercospora* from Iran. *Persoonia* 34: 2015: 65–86.
42. Bakhshi M, **Arzanlou A**, Babai-ahari A, Groenewald JZ, Crous PW (2015). Is morphology in *Cercospora* a reliable reflection of generic affinity?. *Phytotaxa* 213 (1): 022–034.
43. Amizadeh M, Hejazi MJ, Niknam Gh, **Arzanlou M** (2014). Compatibility and interaction between *Bacillus thuringiensis* and certain insecticides: perspective in management of *Tuta absoluta* (Lepidoptera: Gelechiidae). *Biocontrol Science and Technology* 25 (6): 671–684.
44. Karimi K, **Arzanlou M**, Babai-ahari A, Ghazi MM (2015). Phenotypic and molecular characterization of the causal agent of chafer beetle mortality in wheat fields of Kurdistan province, Iran. *Journal of plant Protection Research* 5 (3): 221-228.
45. Chenari A, Babai-ahari A, **Arzanlou M**, Tojo M (2015). Morphological and molecular characterization of *Phytophthium litorale* and *P. oedoehilum* from Iran. *Nova Hedwigia* 102: 257–270.
46. Akbari A, Hadad Iraninejad K, Khanjani M, **Arzanlou M**, Kazmierski A (2015). A new tydeid species (Acari: Tydeidae) with a key to Brachytydeusspecies from East Azerbaijan Province, Iran. *Systematic and Applied Acarology* 20(4): 423–430.
47. Mokhtarnejad L, **Arzanlou M**, Babai-ahari A, Turchetti B (2015). Molecular identification of basidiomycetous yeasts from soils in Iran. *Rostaniha* 16(1): 61-80.
48. Samadi R, **Arzanlou M**, Ghosta Y, Babai-Ahari A, Samadi A (2015). Biodiversity of *Aspergillus* species in the soils of the National Park of Urima Lake. *Rostaniha* 16(2): 135-145.
49. Karimi K, **Arzanlou M**, Mirabi F (2015). Barley scald disease. *Plant Pathology Sciences* 4(1): 1–12.

50. Chenari A, **Arzanlou M**, Tojo M, Babai-ahari (2015). A web-based identification programme for *Pythium* species. *Archives of Phytopathology and Plant Protection* 48: 475-484.
51. Narmani A, Arzanlou M, Bababi-ahari A (2014). Induction of sexual reproduction and determination of mating types in *Phaeoacremonium aleophilum*, the causal agent of esca disease of grapevine in East Azarbaijan province. *Iranian Journal of Plant Pathology* 50 (3): 281-289.
52. Khodaei A, Arzanlou A, Babai-Ahari A, Afsarian MH, Badali H (2014). The genetic diversity and ecology of the rumen anaerobic fungi of ruminant animals: past, present and future. *Journal of Microbial World* 6 (417): 337-350.
53. Khodaei A, Babai-Ahari A, Hesari J, Matin AB, **Arzanlou M** (2014). Evaluation of toxicogenic potential of *Aspergillus tubingensis* isolates from grape and raisin in southern regions of East Azarbaijan province. *Journal of Food Research* 24(3): 399-411.
54. Khodaei A, **Arzanlou M**, Babai-ahari A, Darvishi F (2014). Identification of black *Aspergilli* species on grape and raisin in Southern regions of East and West Azerbaijan Provinces. *Applied Research in Plant Protection* 3(1): 49–64.
55. **Arzanlou M**, Narmani A (2015). ITS sequence data and morphology differentiate *Cytospora chrysosperma* associated with trunk disease of grapevine in Northern Iran. *Journal of plant Protection Research* 55 (2):
56. **Arzanlou A**, Bakhshi M, Karimi K, and Torbati M (2015). Multigene phylogeny reveals three new records of *Colletotrichum* spp for the mycobiota of Iran and several new host records. *Journal of Plant Protection Research* 55 (2): 198–211.
57. Bakhshi M, **Arzanlou A**, Babai-ahari A, Groenewald JZ, Crous PW (2014). Phylogenetic relationships among *Pseudocercospora* spp. from Iran. *Phytotaxa* 184 (5): 245–264.
58. Safavi S, Babai-Ahari A, Afshari F, Arzanlou M (2014). Pathogenicity genes and pathotypes of *Puccinia striiformis* f. sp. *hordei* in some region of Iran. *Seed and Plant Improvement Journal* 30-1 (4):733–760.
59. Baradaran Bagheri M, **Arzanlou A**, Babai-ahari (2015). Identification of the fungal agents associated with almond trunk diseases in East Azerbaijan province. *Applied Research in Plant Protection* 4(1): 27–41.

60. Bolandnazar S, Moghbeli EM, Panahandeh J, Arzanlou M (2014). Biological control of Fusarium wilt in greenhouse tomato by mycorrhizal fungi and resistant rootstock. *Acta Horticulturae* 1041: 127–132.
61. **Arzanlou M**, Narmani A (2014). Multiplex PCR assay for specific identification and determination of mating type applied to *Togninia minima* (anamorph known as *Phaeoacremonium aleophilum*), one of the causal agents of esca disease in grapevine. *Phytopathologia Mediterranea* 53 (2): 240–249.
62. **Arzanlou M** (2014). Molecular characterization of *Aureobasidium* spp. from woody hosts in Iran. *Research in Molecular Medicine* 2(2): 1–6.
63. Farkhondeh Tale Navi M, Toorchi M, Dovrani Uliiaie E, Aharizad S, **Arzanlou M** (2014). Proteome analysis of rice leaf tissue in response to blast disease (*Magnaporthe grisea*) pathogen. *International Journal of Biosciences* 5(1):175–184.
64. Dokhanchi H, **Arzanlou M**, Bababi-ahari A (2014). Identification of the fungal species associated with trunk diseases of stone fruit trees in East and West Azerbaijan provinces. *Applied Research in Plant Protection* 2 (2):29–45.
65. Torbati M, **Arzanlou M**, Jafary H, Bababi-ahari A (2014). Morphological and molecular characterization of fungal species associated with olive fruit rot disease in Zanjan province, Iran. *Applied Research in Plant Protection* 2(1):52–66.
66. Kahe A, Toorchi M, Dovrani Uliiaie E, Aharizad S, **Arzanlou M** (2013). Differentially expressed proteins in suspension culture of rice induced by blast disease. *International Journal of Biosciences* 3(11):189–197.
67. Samadi R, Ghosta Y, **Arzanlou M**, Babai-Ahari A, Samadi A (2013). Biodiversity of Hyphomycetes in soils of Urmia lake basin. *Rostaniha* 14: 198-215.
68. **Arzanlou M**, Samadi R, Afsarian MH, Badali H (2013). An overview of the evolution of pathogenicity in human pathogenic fungi. *Journal of Babol University of Medical Sciences* 15(5):7–11.
69. Bakhshi M, **Arzanlou M**, Bababi-ahari A (2013). Sexual reproduction and mating type genes structure in plant pathogenic fungi. *Journal of Plant Pathology Sciences* 2(1):50–63.
70. Khodaei S, **Arzanlou M** (2013). Morphology, phylogeny and pathogenicity of *Alternaria* species, involved in leaf spot disease of sunflower in northern Iran. *Archives of Phytopathology and Plant Protection*. 46: (18):2224–2234.

71. **Arzanlou M**, Narmani A, Moshari S, Khodaei S (2013). Pome and stone fruit trees as possible reservoir hosts for *Phaeoacremonium* spp., the causal agents of grapevine esca disease, in Iran. *Archives of Phytopathology and Plant Protection* 47(6): 717–727.
72. **Arzanlou M**, Torbati M, Jafary H (2013). Fruit rot on olive caused by *Pilidium concavum* in Iran. *Australian Plant Disease Notes* 8:117–121.
73. **Arzanlou M** (2013). DNA Barcoding: a new tool with wide array of applications. *Research in Molecular Medicine* (1): 1–2.
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#### **Oral and Poster Presentations**

1. **Arzanlou A**, Narmani A (2013). Determination of mating type alleles of *Togninia minima*, one of the causal agents of esca disease on grapevines using Mat1-2 gene-specific primer set. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran P. 151.
2. Samadi R, **Arzanlou M**, Ghosta Y, Houbraken J, Samson RA, Samadi A, Babai-Ahari (2013). Biodiversity of *Penicillium* and *Aspergillus* species in soils of the National Park of Urmia Lake. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran. P. 90.

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8. Dokhanchi H, **Arzanlou M** (2013). Incidence and pathogenicity of *Diaporthe* spp. on *Platanus orientalis* L. in Iran. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran. P. 101.
9. Baradaran Bagheri M, **Arzanlou M**, Babai-Ahari A (2013). Identification of fungal species associated with almond tree decline in East Azarbaijan province. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran. P. 98.
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11. Mokhtarnejad L, **Arzanlou M**, Babai-Ahari A (2013). Study on endophytic fungal community of *Taxus* in Arasbaran forests. 1st Iranian Mycological Congress, 3-5 September 2013, University of Guilan, Rasht, Iran. P. 66.
12. Dokhanchi H, **Arzanlou M**, Babai-Ahari A (2013). Identification of fungal species associated with stone fruit tree decline disease in East and West Azerbaijan provinces. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran. P. 36.

13. Davari M, Babai-Ahari A, **Arzanlou M**, Zare R (2013). Molecular identification of causal agent of wheat head blight in Ardabil province and one rapid method for *Fusarium* species complex detection. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran. P.33.
14. Baradaran Bagheri M, **Arzanlou M**, Zakeri M (2013). First report on the occurrence of *Beauveria bassiana* on alfalfa weevil: *Hypera postica* in Iran. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran. P.29.
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39. Bakhshi M, **Arzanlou M**, Babai-Ahari A (2012). Evidence for lack of sexual cycle in *Cercospora beticola*, causal agent of Cercospora leaf spot disease of sugar beet. 20<sup>th</sup> Iranian Plant Protection Congress, August 25-28<sup>th</sup>, Shiraz, Iran. P. 108.
40. Khodaei S, **Arzanlou M**, Babai-Ahari A, Valizadeh M (2012). Relative resistance of sunflower cultivars to *Alternaria alternata*, the causal agent of *Alternaria* leaf spot disease. 20<sup>th</sup> Iranian Plant Protection Congress, August 25-28<sup>th</sup>, Shiraz, Iran. P. 13.
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  46. **Arzanlou M** (2010). *Pseudovirgaria*, a new hyphomycetous genus associated with uredia of rust causing fungi on plant species. 19<sup>th</sup> Iranian Plant Protection Congress, July 31- August 3, Tehran, Iran (Poster presentation).
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