



CURRICULUM VITAE

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Academic qualifications

BSc: Plant Protection, Shiraz University, Shiraz, Iran, 1988–92.

MSc: Plant Pathology, Tarbiat Modarres University, Tehran, Iran, 1992–95. Title of thesis: **Taxonomic survey on the genus *Fusarium* in the North of Iran** (Supervisor: Prof. D. Ershad)

PhD: Mycology, University of Reading, England (based partly at CABI Bioscience, IMI, England; and partly at the CBS (Centraalbureau voor Schimmelcultures), the Netherlands 1997–2000. PhD thesis: **Contributions to the taxonomy of *Verticillium* (with integrated classical and molecular approaches**, supervisors: Prof. W. Gams, Prof. P.D. Bridge and Dr A. Culham).

Research interests: Mycologist (Professor of Mycology and Plant Pathology), Head of Mycology Laboratory and Curator of Iranian Fungal Culture Collection. **Interests:** Taxonomy of Phialidic Hyphomycetes with morphological and molecular approaches focusing on *Fusarium* and *Verticillium*-like fungi (*Lecanicillium*, *Pochonia*, *Haptocillium*, *Aphanocladium*, *Acremonium*, etc.).

Selected research projects:

1. Reviewing, updating and developing the fungal culture collection of Iran. Project number: 107-11-80-070. Duration: One year (20/03/2001 to 20/03/2002). Final report 35 pp.
2. Identification and pathogenicity of fungi associated with *Heterodera schachtii*. Project number: 107-11-81-013. Duration: Three years (20/03/2002 to 20/03/2005).
3. Study on diseases of cultivated mushrooms focusing on *Verticillium fungicola* in Tehran province. Two years (since March 2003)
4. Development of the fungal culture collection of Iran. Project number: 107-11-82-033. Three years (since March 2003).
5. Study on fungicolous *Verticillium* species in the Southern Caspian coasts (Golestan, Mazandaran and Gilan provinces). Project number: 107-11-82-020 Three years (20/03/2003 to 20/03/2006).
6. Systematics of *Verticillium* section *Albo-erecta* using molecules and morphology (in collaboration with the Centraalbureau voor Schimmelcultures, Utrecht, the Netherlands). Project number: 2-009-100000-06-0000-84021. Three years since October 2004.
7. Collection and identification of Fungi of Iran. Project number: 107-1182-024. Five years (since March 2003).
8. An investigation on biodiversity of *Chaetomium* species on cereals in east Azarbaijan, west Azarbaijan and Ardabil provinces. Project number: 2-009-100000-06-0000-84102. Three years since March 2005.
9. Phylogeny and taxonomy of white verticillium-like anamorphs (in collaboration with the Centraalbureau voor Schimmelcultures, Utrecht, the Netherlands).
10. Screening of fungi isolated from *Heterodera schachtii* from Isfahan, West Azerbaijan and Fars Provinces. Project number: 2-9-100000-10-83033. Three years since 2004.
11. Systematics of *Aspergillus* species obtained from cereals in the northwest region of Iran. Project number: 1-9-100000-06-8504. Five years since 2006.
12. Development of Iranian Fungal Culture Collection: Freeze Drying.

Selected publications:

Journals papers

1. **Zare, R.** and Ershad, D. (1997). *Fusarium* species isolated from cereals in Gorgan area. *Iranian Journal of Plant Pathology* **33**: 1–14.
2. **Zare, R.**, Kouvelis, V.N., Typas, M.A. and Bridge, P.D. (1999). Presence of a 20 bp insertion/deletion in the ITS1 region of *Verticillium lecanii*. *Letters in Applied Microbiology* **28**: 258–262.
3. Kouvelis, V.N., **Zare, R.**, Bridge, P.D. and Typas, M.A. (1999). Differentiation of mitochondrial subgroups in the *Verticillium lecanii* species complex. *Letters in Applied Microbiology* **28**: 263–268.

4. **Zare, R.**, Gams, W. and Culham, A. (2000). A revision of *Verticillium* sect. *Prostrata*. I. Phylogenetic studies using ITS sequences. *Nova Hedwigia* **71**: 465–480.
5. Sung, G.-H., **Zare, R.**, Spatafora, J. and Gams, W. (2001). A revision of *Verticillium* sect. *Prostrata*. II. Generic delimitation using ribosomal DNA sequences. *Nova Hedwigia* **72**: 29–46.
6. Gams, W. and **Zare, R.** (2001). A revision of *Verticillium* sect. *Prostrata*. III. Generic classification. *Nova Hedwigia* **72**:47–55.
7. **Zare, R.** and Gams, W. (2001). A revision of *Verticillium* section *Prostrata*. IV. The genus *Lecanicillium* and the new genus *Simplicillium*. *Nova Hedwigia* **73**: 1–50.
8. **Zare, R.**, Gams, W. and Evans, H.C. (2001). A revision of *Verticillium* sect. *Prostrata*. V. The genus *Pochonia*, with notes on *Rotiferophthora*. *Nova Hedwigia* **73**: 51–86.
9. **Zare, R.** and Gams, W. (2001). A revision of *Verticillium* sect. *Prostrata*. VI. The genus *Haptocillium*. *Nova Hedwigia* **73**: 271–292.
10. **Zare, R.** (2001). An integrated approach to the taxonomy of plant-associated *Verticillium* species. *Rostaniha* **2**(1–4): 65 (short paper)
11. Gams, W. and **Zare, R.** (2002). New generic concepts in *Verticillium* sect. *Prostrata*. *Mycological Research* **106**: 130–131.
12. Zafari, D., Ershad, D., **Zare, R.** and Alizadeh, A. (2002). A contribution to the identification of *Trichoderma* species in Iran. *Iranian Journal of Plant Pathology* **38**(1–2): 21–45 (Persian, summary in English)
13. **Zare, R.** (2003). A revision of plant-associated *Verticillium* species. *Rostaniha* **4**: 29–54. (in English, summary in Persian).
14. **Zare, R.** and Asef, M.R. (2003). First report of *Verticillium nigrescens* from *Pleurotus ostreatus* from Iran. *Rostaniha* **4**: 61–62.
15. **Zare, R.** and Gams, W. (2003). *Haptocillium balanoides*. *IMI Descriptions of Fungi and Bacteria* **1562**: 3 pp.
16. **Zare, R.** and Gams, W. (2003). *Lecanicillium aphanocladii*. *IMI Descriptions of Fungi and Bacteria* **1563**: 2 pp.
17. **Zare, R.** and Gams, W. (2003). *Lecanicillium dimorphum*. *IMI Descriptions of Fungi and Bacteria* **1564**: 2 pp.
18. **Zare, R.** and Gams, W. (2003). *Lecanicillium lecanii*. *IMI Descriptions of Fungi and Bacteria* **1565**: 3 pp.
19. **Zare, R.** and Gams, W. (2003). *Lecanicillium longisporum*. *IMI Descriptions of Fungi and Bacteria* **1566**: 2 pp.
20. **Zare, R.** and Gams, W. (2003). *Lecanicillium muscarium*. *IMI Descriptions of Fungi and Bacteria* **1567**: 6 pp.
21. **Zare, R.** and Gams, W. (2003). *Lecanicillium psalliotae*. *IMI Descriptions of Fungi and Bacteria* **1568**: 2 pp.
22. **Zare, R.** and Gams, W. (2003). *Pochonia chlamydosporia*. *IMI Descriptions of Fungi and Bacteria* **1569**: 4 pp.

23. **Zare, R.** and Gams, W. (2003). *Pochonia suchlasporia*. *IMI Descriptions of Fungi and Bacteria* **1570**: 2 pp.
24. Ghosta, Y., Ershad, D., **Zare, R.** and Mohammadi-Goltapeh, E. (2003). Taxonomic study on *Alternaria* species in Iran (2). *Rostaniha* **4**: 105–122.
25. **Zare, R.**, Gams, W. and Schroers, H.-J. (2004). The type species of *Verticillium* is not congeneric with the plant-pathogenic species placed in *Verticillium* and it is not the anamorph of *Nectria inventa*. *Mycological Research* **108**(5): 576–582.
26. Shams Ghahfarokhi, M., Razzaghi-Abyaneh, M., Ranjbar-Bahadori, S., Eslami, A., **ZARE, R.** and EBRAHIMI, M. (2004). Screening of soil and sheep faecal samples for predacious fungi: isolation and characterization of the nematode-trapping fungus *Arthrobotrys oligospora*. *Iranian Biomedical Journal* **8**(3): 135–142.
27. Ghosta, Y., Ershad, D., **Zare, R.** and Mohamadi-Goltapeh, E. (2004). A taxonomic study on *Alternaria* species in Iran. *Iranian Journal of Plant Pathology* **40**(1–2): 31–56 (in Persian), 9–12 (in English).
28. Ghalandar, M., Clewes, E., Barbara, D.J., **Zare, R.** and Heydari, A. (2004). *Verticillium*-wilt (*Verticillium albo-atrum*) on *Medicago sativa* (alfalfa) in Iran. *Plant Pathology* **53**(6): 812.
29. **Zare, R.** and Asef, M.R. (2004). First report of *Lecanicillium muscarium* from Iran. *Rostaniha* **5**(1): 49–50.
30. **Zare, R.** and Fatemy, S. (2004). First report of *Verticillium epiphytum* from Iran with notes on *Pochonia chlamydosporia* var. *chlamydosporia* in Iran. *Rostaniha* **5**(1): 50–51.
31. Asgari, B., **Zare, R.** and Payghami, E. (2004). Hyphomycetous fungal community of barley phylloplane in East Azarbaijan province with emphasis on new taxa for Iranian fungal flora. *Rostaniha* **5**(2): 171–197 (summary in English 67–70).
32. Zafari, D., **Zare, R.**, Ershad, D. and Alizadeh, A. (2004). Three new species of *Trichoderma* for the mycoflora of Iran. *Rostaniha* **5**(2):159–169 (summary in English 63–65).
33. Kraus, G.F., Druzhinina, I., Gams, W., Bissett, J., Zafari, D., Szakacs, G., Koptchinski, A., Prillinger, H., **Zare, R.** and Kubicek, C.P. (2004). *Trichoderma brevicompactum* n. sp. *Mycologia* **96**(5): 1059–1073.
34. Gams, W., **Zare, R.** and Summerbell, R.C. (2005). Proposal to conserve the generic name *Verticillium* (anamorphic Ascomycetes) with a conserved type. *Taxon* **54**(1): 179.
35. Eslami, A., Ranjbar-Bahadori, S., **Zare, R.** and Razzaghi-Abyaneh, M. (2005). The predatory capability of *Arthrobotrys cladodes* var. *macroides* in the control of *Haemonchus contortus* infective larvae. *Veterinary Parasitology* **130**: 263–266.
36. **Zare, R.** (2005). New advances in *Verticillium* systematics. *AREO Newsletter* **3**: 5.
37. **Zare, R.** and Khabbaz-Jolfaei, H. (2005). Fungi isolated from *Agaricus bisporus* in Tehran province with special reference to *Verticillium fungicola*. *Rostaniha* **6**(1–2): 17–29 (summary in English 5–7).

38. Asgari, B. and **Zare, R.** (2006). Two new *Coniochaeta* species from Iran. *Nova Hedwigia* **82**(1–2): 227–236.
39. Asef, M.R. and **Zare, R.** (2006). Identification of fungicolous fungi of Iran. II. Some *Hypomyces* species and their anamorphs. *Rostaniha* **7**(1–2): 35–42 (in Persian, 33–35 in English).
40. **Zare, R.** and Morid, B. (2006). First report of *Fusarium javanicum* from Iran. *Rostaniha* **7**(1–2): 104–107 (in Persian, 77–79 in English).
41. **Zare, R.** and Mohammadi, A.-H. (2006). *Lecanicillium aphanocladii*, a new potential biological control agent against aphids transmitting viruses. *Rostaniha* **7**(1–2): 107–109 (in Persian, 79–80 in English).
42. Pirali-Kheirabadi, K., Haddadzadeh, H., Razzaghi-Abyaneh, M., Bokaie, S., **Zare, R.**, Ghazavi, M. and SHAMS-Ghahfarokhi, M. (2007). Biological control of *Rhipicephalus (Boophilus) annulatus* by different strains of *Metarhizium anisopliae*, *Beauveria bassiana* and *Lecanicillium psalliotae* fungi. *Parasitology Research* **100**(6): 1297–1302.
43. Fotoohiyan, Z., **Zare, R.**, Zamanizadeh, H.M. and Mirzaee, M.R. (2006). *Fusarium* species associated with cucumber in Jiroft region. *Journal of Agricultural Sciences* **13**(3): 797–802 [English 22].
44. Asgari, B., **Zare, R.** and Gams, W. (2007). *Coniochaeta ershadii*, a new species from Iran and a key to well-documented *Coniochaeta* species. *Nova Hedwigia* **84**(1–2): 175–187.
45. **Zare, R.** and Gams, W. (2007). *Pochonia globispora* sp. nov. *Nova Hedwigia* **84**(3–4): 421–428.
46. Darvishnia, M., Alizadeh, A., **Zare, R.** and Mohammadi-Goltapeh, E. (2007). Three new *Fusarium* taxa isolated from gramineous plants in Iran. *Rostaniha* **7**(2): 193–206 (in Persian, 147–154 in English).
47. Omidbaigi, R., Yahyazadeh, M., **Zare, R.** and Taheri, H. (2007). The *in vitro* action of essential oils on *Aspergillus flavus*. *Journal of Essential Oil-Bearing Plants* **10**(1): 46–52.
48. Hoshino, T., Asef, M.R., Fujiwara, M., Yumoto, I., and **Zare, R.** (2007). One of the southern limits of geographical distribution of sclerotium forming snow mould fungi: first record of *Typhula* species from Iran. *Rostaniha* **8**(1): 35–45 (in English with Persian abstract).
49. **Zare, R.**, Gams, W., Starink-Willemse, M. and Summerbell, R.C. (2007). *Gibellulopsis*, a suitable genus for *Verticillium nigrescens*, and *Musciellium*, a new genus for *V. theobromae*. *Nova Hedwigia* **85**(3–4): 463–489.
50. Moosavi, M.R., Fatemy, S., **Zare, R.** and Zamanizadeh, H.R. (2007). *In vitro* pathogenicity of *Pochonia chlamydosporia* var. *chlamydosporia* isolates on *Meloidogyne javanica*. *Journal of New Agricultural Science* **3**(8): 81–91.
51. Pirali, KH., Haddadzadeh, H.R., Razzaghi-Abyaneh, M., **Zare, R.**, Ranjbar-Bahadori, SH., Rahbari, S., Nabian, S. and Rezaian, M. (2007). Preliminary study on virulence of some isolates of entomopathogenic fungi in different developmental stages of *Boophilus annulatus* in Iran. *Journal of Veterinary Research* **62**(4): 113–118.

52. Yahyazadeh, M., Omidbaigi, R., **Zare, R.** and Taheri, H. (2008). Effect of some essential oils on mycelial growth of *Penicillium digitatum*. *World Journal of Microbiology and Biotechnology* **24**(8): 1445–1450.
53. Sharifi, K., **Zare, R.** and Rees-George, J. (2008). Vegetative compatibility groups (VCGs) among *Fusarium solani* isolates causing potato dry rot. *Journal of Biological Sciences* **8**(2): 374–379.
54. **Zare, R.** and Gams, W. (2008). A revision of the *Verticillium fungicola* species complex and its affinity with the genus *Lecanicillium*. *Mycological Research* **112**: 811–824.
55. **Zare, R.** and Ghazavi, M. (2008). First report of entomogenous fungus *Hirsutella versicolor* Petch from Iran. *Applied Entomology and Phytopathology* **75**(2): 147–149 [English 38–39].
55. **Zare, R.** and Zangeneh, S. (2008). First report of entomogenous fungus *Gibellula leiopus* (Vuill.) Mains from Iran. *Applied Entomology and Phytopathology* **76**(1): 155–156 [English 44].
56. Asgari, B., **Zare, R.** and Söchting, U. (2008). Report of two myxomycetous species from Golestan Province. *Rostaniha* **8**(2): 233–236 [English 117–119].
57. **Zare, R.** and Asgari, B. (2008). Report of two new hyperparasitic species from Golestan Province. *Rostaniha* **8**(2): 229–232 [English 116–117].
58. **Zare, R.** and Asef, M.R. (2008). Some phialidic fungicolous fungi from the Southern Caspian coasts. *Rostaniha* **9**(1): 1–22 [English 1–5].
59. Ghazavi, M., Zangeneh, S., **Zare, R.** and Hywel-Jones, N. (2008). *Batkoa apiculata*, a new species of Entomophthorales from Iran. *Rostaniha* **9**(1): 130–132 [English 63–64].
60. **Zare, R.** (2008). First report of *Penicillium vulpinum* from Iran. *Rostaniha* **9**(1): 135–136 [English 66–67].
61. **Zare, R.**, Fatemy, S. and Mousavi, S.M.R. (2008). First report of *Humicola grisea* from Iran. *Rostaniha* **9**(1): 133–134 [English 65–66].
62. Asgari, B., **ZARE, R.** and Javadi-Estahbanati, A.R. (2008). *Preussia typharum*, a new ascomycetous species to the mycoflora of Iran. *Rostaniha* **9**(2): 262–264 [English 119–121].
63. Zangeneh, S. and **Zare, R.** (2008). *Gilbertella spicaria* a new report of Mucorales from Iran. *Rostaniha* **9**(2): 245–247 [English 111–112].
64. Sharifi, K., **Zare, R.**, Zamanizadeh, H.R. and Arjmandian, A. (2009). An investigation on *Fusarium* species causing dry rot of potatoes in Ardabil, Tehran and Hamadan Provinces. *Applied Entomology and Phytopathology* **76**(2): 93–113.
65. Asadolahpour, M., Zafari, D. and **Zare, R.** (2008). First report of *Lecanicillium psalliotae* as an entomogenous fungus from Iran. *Rostaniha* **9**(2): 260–262 [English 119].
66. Yahyazadeh, M., **Zare, R.**, Omidbaigi, R., Faghih-Nasiri, M. and Abbasi, M. (2009). Control of *Penicillium* decay on citrus fruit using essential oil vapours of thyme or clove inside polyethylene and nano-clay polyethylene films. *Journal of Horticultural Science and Biotechnology* **84**(4): 403–409.

67. Abdollahzadeh, J., Mohammadi-Goltapeh, E., Javadi, A., Shams-Bakhsh, M., **Zare, R.**, Phillips, A.J.L. (2009). *Barriopsis iraniana* and *Phaeobotryon cupressi*: two new species of the Botryosphaeriaceae from trees in Iran. *Persoonia* **23**: 1–8.
68. Mahdavi-Amiri, M., Razavi, M., Sharifi, K. and **Zare, R.** (2009). Investigation on genetic diversity of *Fusarium oxysporum* causing potato Fusarium wilt by pathogenicity tests and RAPD markers. *Iranian Journal of Plant Pathology* **45**: 10–26 [English: 3–5].
69. Tahery, S., Sharifnabi, B., **Zare, R.** and Abbasi-Moghaddam, 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, Milad Tower Conference Hall, Tehran-Iran.
70. Tahery Ardestani, S., Sharifnabi, B., **Zare, R.** and Abbasi-Moghaddam, A. (2009). *Alternaria interrupta*, a new pathogen causing potato early blight in Iran. *Rostaniha* **10**(1): 139–140 [English: x-xx].
71. Morid, B., **Zare, R.**, Rezaee, S., Zamanizadeh, H. and Hajmansour, S. (2009). The relationship between cutinases and the pathogenicity/virulence of *Fusarium solani* in potato tubers. *Phytopathologia Mediterranea* **48**(3): 403-410.
72. Seifbarghi, SH., Razavi, M., Aminian, H., **ZARE, R.** and Etebarian, H.R. (2009). Studies on the host range of *Septoria* species on cereals and some wild grasses in Iran. *Phytopathologia Mediterranea* **48**(3): 422-429.
73. Jamshidi, S., Zamanizadeh, H.R., **Zare, R.** and Rezaee, S. (2009). Study on sexual reproduction and some morphological and pathological traits of *Ophiognomonina leptostyla* in Iran. *Rostaniha* **10**(2): 161–177 [English 83–86].
74. Ghezi, E., Khodaparast, S.A. and Zare, R. (2009). Distribution and severity of damage by *Cryphonectria parasitica* in the chestnut stands in Guilan province, Iran *Forest Pathology* **40**(5): 450–457.
75. Seifbarghi, SH., Razavi, M., Abbasi, M. and **Zare, R.** (2010). First report of leaf blotch caused by *Septoria phalaridis* on *Phalaris paradoxa*. *Plant Disease* **94**(3): 375.
76. Mirzaee, M.R., **Zare, R.** and Azari Nasrabad, A. (2010). A new leaf and sheath brown spot of foxtail millet caused by *Bipolaris australiensis*. *Australasian Plant Disease Notes* **5**: 19–20.
77. Moradzadeh Eskandari, M., Javan–Nikkhah, M., **Zare, R.**, Okhowat, M., Moretti, A., Somma, S. and Stea, G. (2010). Study on genetic structure of *Fusarium solani* populations isolated from potato, cucurbit, bean and chickpea based on FAFLP markers. *Iranian Journal of Plant Pathology* **45**(3): 189–198 [English 53–56].
78. Mirzaee, M.R., Asgari, B., **Zare, R.** and Mohammadi, M. (2010). Association of *Microascus cirrosus* (Microascaceae, Ascomycetes) with brown leaf spot of pistachio in Iran. *Plant Disease* **95**(5): 642.
79. Asgari, B. and **Zare, R.** (2010). Two new species of *Preussia* from Iran. *Nova Hedwigia* **90**(3-4): 533–548.
80. Moosavi, M.R., **Zare, R.**, Zamanizadeh, H.R. and Fatemy, S. (2010). Pathogenicity of *Pochonia* species on eggs of *Meloidogyne javanica*. *Journal of Invertebrate Pathology* **104**(2): 125–133.

81. **Zare, R.**, Asgari, B., Gams, W. (2010). The species of *Coniolarrella*. *Mycologia* **102**(6): 1383–1388.
82. Aminae, M.M., **Zare, R.** and Zohdi, H. (2010). An investigation on *Lecanicillium muscarium* as a biocontrol agent of stem borer pests of *Rosa damascena* in Kerman Province of Iran. *Archives of Phytopathology and Plant Protection* **43**(7): 678–688.
83. Aminae, M.M., **Zare, R.**, Assari, M.J. (2010). Isolation and selection of virulent isolates of *Beauveria bassiana* for biological control of *Ommatissus lybicus* in Kerman province. *Archives of Phytopathology and Plant Protection* **43**(8): 761–768.
84. Tahery Ardestani, S., Sharifnabi, B., **Zare, R.** and Abbasi-Moghaddam, A. (2010). New *Alternaria* species associated with potato leaf spot in various potato growing regions of Iran. *Iranian Journal of Plant Pathology* **45**(4): 301–308 [In Persian, English 83–86].
85. Abdollahzadeh, J., Javadi-Estahbanati, A.R., Mohammadi-Goltapeh, E.M., Zare, R., Phillips, A.J.L. (2010). Phylogeny and morphology of four new species of *Lasiodiplodia* from Iran. *Persoonia* **25**: 1–10.
86. Darvishnia, M., Alizadeh A. and **Zare, R.** (2010). Four new *Fusarium* taxa isolated from gramineous plants from Iran. *Rostaniha* **11**(1): 55–67.
87. Pirnia, M., Zare, R., Zamanizadeh, M.R. and Khodaparast, A. (2010). Contribution to the identification of *Cercospora* species in Iran. *Rostaniha* **11**(2): 183-189.
88. Asgari, B. and **Zare, R.** (2011). A contribution to the taxonomy of the genus *Coniocessia* (Xylariales). *Mycological Progress* **10**: 189–206.
89. Mirzaee, M.R., **Zare, R.**, Heydari, A., Naraghi, L. and Mohammadi, M. (2011). First report of boll and lint rot disease of cotton caused by *Exserohilum rostratum* in Iran. *Journal of Plant Pathology* **92** (4, Suppl.), S4.107-S4.122.
90. Asgari, B. and Zare, R. (2011). The genus *Chaetomium* in Iran, a phylogenetic study including six new species. *Mycologia* **103**(4): 863–882.
91. Moosavi, M.R., Zare, R., Zamanizadeh, H.R. and Fatemy, S. (2011). Pathogenicity of *Verticillium epiphytum* isolates against *Meloidogyne javanica*. *International Journal of Pest Management* **57**(4): 291-297.
92. Sedaghatia, E., Nikkhaha, M.J., Zare, R., Fotuhifar, K.B., Kocsubéc, S., Vágvolgyi, C. and Varga, J. (2011). Molecular identification of potentially mycotoxigenic black Aspergilli contaminating pistachio nuts in Iran. *Acta Alimentaria* **40** (1): 65–70.
93. Assadollahpour, M., Zafari, D and Zare, R. (2011). Study on virulence of some entomogenous Hyphomycetes on Colorado beetle in Hamedan province. *Journal of Plant Protection* **24**(4): 465-470 [in Persian with English summary]
94. Ashkan, S.M., **Zare, R.** and Javadi-Estahbanati, A.R. (2011). A study on three fungal diseases of mulberry shoot in Izadshahr (Mazandaran) and Astaneh (Guilan), Iran. *Iranian Journal of Plant Pathology* **47**(3): 301–308. [in Persian with English summary]

95. Mohammadi, P., Etebarian, H.R., **Zare, R.** and Ebrahimi, M. (2011). Molecular and phylogenetic analysis of *Rhizopus* isolates based on ITS region and D1-D2 regions of rDNA. *Iranian Journal of Plant Pathology* 43(3): 195–205. [in Persian with English summary]
96. Beigi, S., Zamanizadeh, H., Razavi, M. and **Zare, R.** (2011). Pathotypic diversity of *Rhynchosporium secalis* isolates in five provinces of Iran. *Iranian Journal of Plant Pathology* 47(4): 331–340 [English 117–120].
97. Hesami, S., Khodaparast, S.A. and **Zare, R.** (2011). New reports on *Cercospora* and *Cercospora*-like fungi from Guilan province, Iran. *Iranian Journal of Plant Pathology* 47(4): 379–388 [English 131–132]
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76. Pirnia, M. and **Zare, R.** (2013). Revision of specimens belonging to the genus *Cercospora* deposited in fungal reference collection of the Iranian Research Institute of Plant Protection "IRAN". 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran: 73.
77. Ebadi, M., Riahi, H. and **Zare, R.** (2013). Genetic variation of *Fusarium semitectum* isolates obtained from cereals using RAPD markers. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran:134.
78. Asgari, B. and Zare, R. 2014. Contribution to the knowledge of biodiversity of *Aspergillus* species in Iran. 10th International Mycological Congress (IMC10). 3-8 August, Bangkok, Thailand.
79. Asgari, B., Zare, R. and Inderbitzin, P. 2014. Contribution to the knowledge of *Aspergillus* Section *Aspergillus* in Iran. 10th International Mycological Congress (IMC10). 3-8 August, Bangkok, Thailand.
80. Hashemi-Kalati, T., Jahani, M., Mirzaee, M.R. and Zare, R. 2014. Leaf spot disease of foxtail millet caused by *Nigrospora oryzae* in Iran. 21st Iranian Plant Protection Congress, 23-26 August, Urmia, Iran.
81. Asgari, B. and Zare, R. 2014. Systematics of *Aspergillus* species associated with cereals in the Northwest of Iran. 21st Iranian Plant Protection Congress, 23-26 August, Urmia, Iran.
82. Asgari, B. and Zare, R. 2014. Biodiversity and phylogenetic analysis of *Aspergillus* section *Aspergillus* in Iran. 21st Iranian Plant Protection Congress, 23-26 August, Urmia, Iran.
83. Noori Aiin, M., Askary, H., Imani, S. and Zare. 2014. Investigation on entomopathogenic fungi in hibernating sites of Sunn pest (*Eurygaster integriceps*) in Ilam province. 21st Iranian Plant Protection Congress, 23-26 August, Urmia, Iran.

84. Hashemi, S.A., Zare, R., Khodaparast, S.A. and Elahinia, S.A. 2015. Phylogenetic analysis of *Xylaria* species in North of Iran based on ITS sequence data. 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.
85. Darsaraie, H., Khodaparast, S.A. and Zare, R. 2015. Primary study of *Phyllosticta* species in Guilan Province, Iran. 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.
86. Abdipour-Asl, L., Hemmati, R. and Zare, R. 2015. First report on the occurrence of *Mortierella alpina* on wheat root in Iran. 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.
87. Alizadeh, A., Javan-Nikkhah, M., Zare, R., Fotouhifar, Kh.B., Pordel, A., Atghia, O. and Stukenbrock, E.H. 2015. Additions to the knowledge of *Colletotrichum* species belong to the Graminicola complex in Iran. 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.
88. Alizadeh, A., Javan-Nikkhah, M., Zare, R., Fotouhifar, Kh.B., Damm, U. and Stukenbrock, E.H. 2015. First report on occurrence of *Colletotrichum kahawae* subsp. *cigarro* in Iran. 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.
89. Karimi, O., Tajick, M.A., Fotouhifar, Kh.B. and Zare, R. 2015. Introducing the new taxa for mycoflora of Iran. 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.
90. Karimi, O., Tajick Ghanbary, M.A., Fotouhifar, Kh.B. and Zare, R. 2015. Identification some of the wood inhabiting Hyphomycetes in Mazandaran province, Iran, 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.

Oral Presentations

1. **Zare, R.** and Ershad, D. (1995). Introducing five *Fusarium* species new to the mycoflora of Iran isolated from cereals. *Proceedings of the 12th Iranian Plant Protection Congress*, Karaj, Iran.
2. **Zare, R.**, and Bridge, P.D. (1998). Molecular characterization of the genus *Verticillium*. *Proceedings of the 5th Agricultural Seminar of Iranian Students in Europe*. 26th June, Reading, UK.
3. **Zare, R.**, and Bridge, P.D. (1998). Molecular determination of the species *Verticillium lecanii*. *10th Annual Meeting of the British Invertebrate-Mycopathology Group*. 17th September CABI Bioscience, Silwood Park, Ascot, England.
4. **Zare, R.**, Bridge, P.D, and Gams, W. (1999). An integrated approach to the taxonomy of *Verticillium psalliotae* species aggregate. *6th Agricultural Seminar of Iranian Students in Europe*. 9th May, UMIST, Manchester, UK.
5. **Zare, R.** and Bridge, P.D. (1999). Characterization of major groups of *Verticillium lecanii*. *International Symposium on Biological Control Agents in Crop and Animal Protection*. 24-28 August, University of Wales, Swansea.
6. Gams, W. and **Zare, R.** (2001). A revolution in *Verticillium* systematics. *Proceedings of the Second Asian International Mycological Congress*, 17-20

- September, Karaj, Iran, 2001. Abstract in *Rostaniha* (Botanical Journal of Iran), Supplement 2: 3
7. **Zare, R.** and Gams, W. (2001). An integrated revision of *Pochonia* (*Diheterospora*); nematophagous hyphomycetes formerly classified in *Verticillium*. *Proceedings of the Second Asian International Mycological Congress*, 17-20 September, Karaj, Iran, 2001. Abstract in *Rostaniha* (Botanical Journal of Iran), Supplement 2: 4.
 8. Gams, W. and **Zare, R.** (2002). Nematode endoparasites with *Verticillium*-like anamorphs. 7th International Mycological Congress. 11-17 August, Oslo, Norway.
 9. **Zare, R.** (2002). A revision of *Verticillium* section *Nigrescentia*. 15th Iranian Plant Protection Congress, 7-11 September, Kermanshah, Iran.
 10. Druzhinina, I., Kraus, G.F., Gams, W., Bissett, J., Zafari, D., Szakacs, G., Koptchinski, A., Prillinger, H., **Zare, R.** and Kubicek, C.P. (2003). *Trichoderma brevicompactum*: an example of an integrated phylogenetic, physiological and morphological approach to the description of a new species. XIV Congress of European Mycologists. 22-27 September, Katsiveli, Yalta, Crimea, Ukraine.
 11. **Zare, R.** and Gams, W. (2004). Present status of *Verticillium* systematics. 16th Iranian Plant Protection Congress, 28 Aug.-1 Sept., Tabriz, Iran.
 12. Ghosta, Y., Hagedorn, G., Ershad, D., **Zare, R.** and Goltapeh, E.M. (2004). Molecular phylogenetic relationship between *Alternaria* species based on rDNA sequences. 16th Iranian Plant Protection Congress, 28 Aug.-1 Sept., Tabriz, Iran.
 13. Ghosta, Y., Ershad, D., **Zare, R.** and Goltapeh, E.M. (2004). Species groups of small-spored *Alternaria* species from Iran. 16th Iranian Plant Protection Congress, 28 Aug.-1 Sept., Tabriz, Iran.
 14. Ghosta, Y., Hagedorn, G., Ershad, D., **Zare, R.** and Goltapeh, E.M. (2004). Doubtful taxonomic status of *Alternaria helianthi* (Hansf.) Tubaki & Nishihara. 16th Iranian Plant Protection Congress, 28 Aug.-1 Sept., Tabriz, Iran.
 15. **Zare, R.** and Gams, W. (2004). What is left in *Verticillium*? p. 30. The IV Asia-Pacific Mycological Congress, 14-19 Nov. Chiang Mai, Thailand.
 16. Hoshino, T., Asef, M.R., Fujiwara, M., Yumoto, I., Matsumoto, N. and **Zare, R.** (2004). One of the south limit of the geographical distribution of snow molds: *Typhula* spp. from Iran. p. 90. The IV Asia-Pacific Mycological Congress, 14-19 Nov. Chiang Mai, Thailand.
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 18. Haddadzade, H.-R., Pirali-Khairabadi, K., Razzaghi-Abyaneh, M and **Zare, R.** (2005). Virulence evaluation of eleven strains of entomopathogenic fungi *Beauveria bassiana*, *Metarhizium anisopliae* and *Lecanicillium psalliotae* on *Boophilus annulatus*. 5th International Conference on Tick-Borne Pathogens (TTP5). Pp.91-92. Neuchatel, Switzerland, 29.8-2.9. 2005.
 19. **Zare, R.** and Gams, W. (2006). Molecular phylogeny of *Verticillium fungicola* reveals its affinity with the genus *Lecanicillium*. 8th International Mycological Congress, Cairns, Australia, 21-25 Aug. 2006: 334.

20. **Zare, R.** and Gams, W. (2006). Molecular phylogeny of species around *Verticillium fungicola* using ribosomal DNA sequences. 17th Iranian Plant Protection Congress, Karaj, Iran, 2-5 Sept. 2006, p. 454.
21. **Zare, R.** (2006). *Verticillium*, from systematics to application as biocontrol agent. Proceedings of the First International Symposium for the Second Stage of Brain Korea 21 Program, 30 October, Chonnam National University, Korea.
22. Moosavi, S.M.R., **Zare, R.**, Zamanizadeh, H.R. and Fatemy, S. (2008). Pathogenicity of *Pochonia* spp. on root-knot nematode (*Meloidogyne javanica*) under laboratory and greenhouse conditions. Proceedings of the 18th Iranian Plant Protection Congress. 24–27 August 2008, Hamedan, Iran, Vol II (Plant Diseases): 289.
23. Morid, B., **Zare, R.**, Zamanizadeh, H.R. and Hajmansour, S. (2008). Genetic diversity of *Fusarium solani* using RAPD-PCR and PCR-RFLPs. Proceedings of the 18th Iranian Plant Protection Congress. 24–27 August 2008, Hamedan, Iran, Vol II (Plant Diseases): 2.
24. Qezi, E., Khodaparast, S.A., Niknejad, M. and **Zare, R.** (2008). Morphological diversity and pathogenicity of *Cryphonectria parasitica*, the causal agent of chestnut blight in Guilan Province. Proceedings of the 18th Iranian Plant Protection Congress. 24–27 August 2008, Hamedan, Iran, Vol II (Plant Diseases): 4.
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26. **Zare, R.** and Gams, W. (2008). A revision of the *Verticillium fungicola* species complex. Proceedings of the 18th Iranian Plant Protection Congress. 24–27 August 2008, Hamedan, Iran, Vol II (Plant Diseases): 645.
27. Hoshino, T., Asef, M.R., Yumoto, I. and **Zare, R.** (2008). Snow molds in the Middle East: *Typhula* species in Iran. Proceedings of the 9th edition of Tunisia-Japan Symposium in Society, Sciences and Technology (TJASSST) 2008: El Kantaoui Forum, Sousse, Republic of Tunisia, 10-11 November.
28. Moosavi, M.R., **Zare, R.**, Zamanizadeh, H.R. and Fatemy, S. (2009). Evaluation the pathogenicity of *Verticillium epiphytum* isolates on *Meloidogyne javanica*. 8th International Symposium on Tropical Nematology, 17-21 August, 2009 Hanoi, Vietnam.
29. Jamshidi, S., **Zare, R.**, Zamanizadeh, H.R. and Rezaee, S. (2010). Homothallism in *Ophiognomonina leptostyla* isolates collected from Iran. The International Conference on Agricultural and Animal Science (CAAS 2010). NEC of Nanyang Technological University, Singapore, 26-28 February.
30. Sari, E., Razavi, M. and **Zare, R.** (2010). Genetic diversity of *Fusarium culmorum*, causal agent of wheat root and crown rot diseases as detected by rep-PCR marker. 6th Australasian Soilborne Diseases Symposium. Twin Waters, Queensland, 9-11 August.
31. Jamshidi, S. and **Zare, R.** (2011). Molecular Phylogeny of *Ophiognominia leptostyla* Isolates collected from Iran based on ITS nrDNA sequences. 2nd

International Conference on Biotechnology and Food Science (ICBFS 2011), Apr 1, 2011 - Apr 3, 2011, Bali Island, Indonesia.

32. **Zare, R.** (2013). Strategy of Melbourne Code for one fungus-one name: new hopes and challenges. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran: 3.
33. Amirmijani, A., Khodaparast, S.A. and **Zare, R.** (2013). Preliminary study of the genus *Cladosporium* in the North of Iran. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran: 20.
34. Davari, M., Babai-Ahari, A., Arzanlou, M. and **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: 33.
35. Hashemi, S.A., **Zare, R.**, Khodaparast, S.A. and Elahinia, S.A. (2013). A preliminary account of *Xylaria* species in the North of Iran. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran: 40.
36. Mohammadi, S., **Zare, R.**, Razavi, M., Rezaee, S., Zamanizadeh, H.R. and Banihashemi, Z. (2013). Checking possibility of designing specific primer for *Fusarium oxysporum* f. sp. *sesami*, the causal agent of yellows and wilt of sesame in Fars Province by using beta-tubulin gene sequencing. 1st Iranian Mycological Congress, 3-5 September, University of Guilan, Rasht, Iran: 149.
37. Asgari, B. and **Zare, R.** (2013). Contribution to the knowledge of biodiversity of *Aspergillus* species in Iran. Asian Mycological Congress 2013 & 13th International Marine and Freshwater Mycology Symposium, August 19-23, Beijing, China: 28.
38. Zare, R. and Gams, W. 2014. A phylogenetic analysis of some remaining *Verticillium*-like anamorphs. 10th International Mycological Congress (IMC10). 3-8 August, Bangkok, Thailand.
39. Zare, R. 2014. Recent developments in fungal taxonomy and their impact on biological control; *Verticillium* as a case study. 7th International Conference of Biopesticides (ICOB7). Biopesticides: Shaping Human Health and Global Agriculture. 20-25 October, Side-Antalya, Turkey.
40. Zare, R. and Gams, W. 2014. Phylogenetic analysis of fungicolous species of *Verticillium* section *Albo-erecta*. 7th International Conference of Biopesticides (ICOB7). Biopesticides: Shaping Human Health and Global Agriculture. 20-25 October, Side-Antalya, Turkey.
41. Amirmijani, A.R., Khodaparast, S.A. and Zare, R. 2014. Partial sequencing of ITS-rDNA region and preliminary phylogenetic analysis of *Cladosporium* species in the North of Iran. 21st Iranian Plant Protection Congress, 23-26 August, Urmia, Iran.
42. Hashemi, S.A., Khodaparast, S.A., Zare, R. and Elahinia, S.A. 2014. A preliminary phylogenetic analysis of *Xylaria* species in the North of Iran. 21st Iranian Plant Protection Congress, 23-26 August, Urmia, Iran.
43. Razavi, M., Sari, E. and Zare, R. 2015. Study on genetic diversity of *Fusarium* species, causal agents of wheat crown and root rot diseases. International Wheat Conference (IWC2015), 20-25 September, Sydney, Australia.

44. Talaei-Hassanloui, R. and Zare, R. 2015. Current situation of research and publications on fungal entomopathogens in Iran. 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.
45. Alizadeh, A., Javan-Nikkhah, M., Atghia, O., Zare, R., Fotouhifar, Kh.B, Damm, U. and Stukenbrock, E.H. 2015. Contribution to the systematic study on the genus *Colletotrichum* in Northern Iran. 2nd Iranian Mycological Congress, 23-25 August, Karaj, Iran.

Books:

1. Gams, W. and **Zare, R.** (2003). A taxonomic review of the clavicipitaceous anamorphs parasitizing nematodes and other microinvertebrates. pp. 17–73. *In* Clavicipitalean Fungi. Evolutionary Biology, Chemistry, Biocontrol, and Cultural Impacts (eds White, J.F., jr, Bacon, C.W., Hywel-Jones, N.L. and Spatafora, J.W.). Marcel-Dekker, New York.
2. **Zare, R.** and Gams, W. (2004). A Monograph of *Verticillium* Section *Prostrata*. *Rostaniha* (Suppl. 3): 188 pp (in English + 4 pp in Persian).
3. Moosavi MR and **Zare R.** (2012). Fungi as biological control agents of plant-parasitic nematodes. In: Plant Defence: Biological Control (Merillon JM and Ramawat KG eds). Progress in Biological Control 12. pp: 67-107. Springer Science + Business Media B.V. Dordrecht, Netherlands.
4. Moosavi, M.R. and **Zare, R.** (2015). Factors affecting commercial success of biocontrol agents of phytonematodes. pp: 423–445 In: Biocontrol Agents of Phytonematodes (Askary, T.H. and Martinelli, P.R.P. eds). CABI Publishing, UK.
5. Moosavi, M.R. and **Zare, R.** (2016). Present Status and the Future Prospects of Microbial Biopesticides in Iran. In: Agriculturally Important Microorganisms: Commercialization and Regulatory Requirements in Asia (H.B. Singh). Springer, Singapore. In press.

Theses supervised:

Tarbiat Modaress University (College of Agriculture), Tehran

1. **Doustmorad Zafari (PhD thesis)**. Taxonomy of *Trichoderma* species in Iran using morphological and molecular methods. Completed June 2003. (advisor).
2. **Youbert Ghosta (PhD thesis)**. Taxonomy of *Alternaria* species in Iran using morphological and molecular methods. Completed May 2004. (advisor).
3. **Mostafa Darvishnia (PhD thesis)**. On *Fusarium* section *Liseola* on Poaceae in Iran. Completed September 2006. (advisor).
4. **Mahdi Yahyazadeh (MSc thesis)**. Effect of some essential oil to increase the shelf-life of postharvest orange fruits cvs Thomson navel and Valencia. Completed January 2007. (advisor).
5. **Jafar Abdollahzadeh (PhD thesis)**. Taxonomy and phylogeny of Botryosphaeriaceae in Iran. Completed October 2009). (supervisor).

Tehran University (Faculty of Veterinary Medicine), Tehran

1. **Shahrokh Ranjbar-Bahadory (PhD thesis)**. Biological control of *Marshallia marshali* in small ruminants using the nematophagous fungal species *Arthrobotrys oligospora* and *Duddingtonia flagrans*. Completed early 2003. (advisor).

Tehran University (Faculty of Agriculture), Tehran

1. **Mojtaba Moradzadeh Eskandari (PhD thesis)**. Pathogenicity and molecular characterization of *Fusarium solani* in Khorasan Province. Completed February 2010. (advisor).
2. **Ebrahim Sedaghati. (PhD thesis)**. On taxonomy and mycotoxins of *Aspergillus* species obtained from major pistachio orchards of Iran. (supervisor)
3. **Alireza Alizadeh (PhD thesis)**. Systematics of the genus *Colletotrichum* in the southern Caspian Coasts.

Isfahan University of Technology, Isfahan

1. **Simin Taheri Ardestani**. Molecular variation of *Aletrnaria* species isolated from tomato in Isfahan province and investigation on their pathogenicity. Completed March 2008. (supervisor)

Islamic Azad University (Dept. of Sciences and Research), Tehran

1. **Kasra Sharifi (MSc thesis)**. An investigation on *Fusarium solani* dry rot disease on potato tubers and determination of vegetative compatibility groups. Completed early 2003. (Advisor)
2. **Zeinab Fotouhian (MSc thesis)**. Identification of *Fusarium* species associated with cucumber in Jiroft region. Completed August 2005. (supervisor)
3. **Mohammad-Reza Moussavi (PhD thesis)**. Molecular and morphological characterization of *Pochonia* species and their pathogenicity on *Meloidogyne javanica* in Fars province. Completed February 2008. (supervisor)
4. **Arash Chaichi Nosrati (PhD thesis)**. On *Aspergillus* spp. in the air of tea fields in the north of Iran. Completed March 2008. (supervisor)
5. **Bahar Morid (PhD thesis)**. Genetic diversity of *Fusarium solani* species complex in Iran. Completed September 2009. (supervisor)
6. **Bita Asgari (PhD thesis)**. On *Aspergillus* systematics in Iran. Started March 2008. (supervisor)
7. **Nayer Zendehtdel (MSc thesis)**. Characterization of canola seed-borne fungal pathogens and study of effect of some fungicides to control them under laboratory and greenhouse conditions. Completed August 2009. (Advisor)
8. **Mekameh Mahdavi Amiri (MSc thesis)**. Investigation on pathogenicity differences and genetic diversity of *Fusarium oxysporum* major cause of potato wilt disease. Completed October 2008. (advisor).
9. **Mahdi Pirnia (PhD thesis)**. Taxonomy of cercosporioid Hyphomycetes in southern Caspian coast (supervisor since 2010).

Tabriz University (College of Agriculture), Tabriz, Iran

1. **Bita Asgari (MSc thesis)**. Studies on the phyllosphere mycoflora of barley in East Azarbaijan province. Completed March 2004. (supervisor).
2. **Mahdi Davari (PhD thesis)**. Study of *Fusarium* species on wheat using molecular and morphological approaches (advisor since 2010).

Gilan University

1. **Elham Ghezi** (MSc thesis). Morphological vardiversity and pathogenicity of *Cryphonectria parasitica*, the causal agent of chestnut blight in Guilan province. Completed March 2008. (advisor)
2. **Seyed Abdollah Hashemi (PhD thesis)**. Taxonomic study and phylogenetic analysis of the genus *Xylaria* in the north of Iran (supervisor).
3. **Amirreza Amirmijani (PhD thesis)**. Taxonomic study and phylogenetic analysis of *Cladosporium* and cladosporium-like fungi in Gilan Province.

Shiraz University

1. **Hamid Mohammadi**. On Esca disease of grapevine in Fars Province. Completed January 2009. (advisor)

Tehran University (Faculty of Aburaihan)

1. **Shirin Seif Barghi**. Morphological and molecular identification of *Septoria* species on cereals and wild grasses and determination of their Phylogenetic relationship and host range. Completed March 2009. (advisor)

Shahid Beheshti University

1. **Mostafa Ebadi (PhD thesis)**. Systematics of *Fusarium semitectum* species complex (supervisor since 2010).

TEACHING EXPERIENCE

- **Advanced Mycology** (for PhD students of Plant Pathology). Autumn term 2004, 2005, 2006, 2007, 2008, 2009, 2010). Azad Islamic University, Tehran.
- **Applied Mycology** (for PhD students of Plant Pathology). Spring 2005, 2006, 2007, 2008, 2009, 2010. Azad Islamic University, Tehran.
- **Applications of molecular methods in plant systematics**. Two weeks (30 hours), PPDRI, Tehran, Iran. 16-27 Mehr 1384 (= 8-19 October 2005).
- **Applications of molecular methods in plant protection**. 10 hours (Two days) during 29-30 Bahman 1385 (= 18-19 February 2007), PPDRI, Tehran.
- **New Topics in Mycology** (for PhD students of Plant Pathology). Autumn term 2005. and Spring term 2007. Shiraz University, Shiraz, Iran.
- **New Topics in Mycology** (for PhD students of Plant Pathology). Autumn term 2005. and Spring term 2016. Tarbiat Modarres University, Tehran, Iran.

Other achievements:

MEMBERSHIP

1. Iranian Phytopathological Society. 1992–present.
2. International Mycological Association (IMA) - *executive committee member*. 2002–2006.
3. Asian Mycological Committee (AMC) - *Iran's representative*. 2004–present.
4. Higher Committee for Training, Iranian Research Institute of Plant Protection. 2003–present.

5. International Sub-commission on *Trichoderma* and *Hypocrea* (ISTH) - International Commission for the Taxonomy of Fungi (ICTF). 2002–present.
6. Mediterranean Phytopathological Union (MPU), Italy, since 2009-present.
7. Iranian Mycological Society, Secretary since September 2010-present.
8. Secretary of the *Asian International Mycological Congress* - AIMC 2001, 17–20 September 2001, Karaj, Iran.

Sabbatical period, at the Centraalbureau voor Schimmelcultures on **Molecular systematics of white verticillium-like anamorphs** during 2002-03.

REVIEWER/EDITOR FOR THE FOLLOWING JOURNALS

- *Iranian Journal of Plant Pathology*, *Reviewer* - (Iranian Phytopathological Society).
- *Rostaniha*, *Editor in Chief* - (Iranian Botanical Journal): Published by Iranian Research Institute of Plant Protection, Tehran.
- *Applied Entomology and Phytopathology*, *Editor*: Published by Iranian Research Institute of Plant Protection, Tehran.
- *Mycopathologia*, *Reviewer* - (Springer, Germany).
- *Mycological Research*, *Reviewer* - (British Mycological Society, England).
- *Mycoscience*, *Associate Editor* - February 2006-February 2010 (Mycological Society of Japan).
- *Mycotaxon*, *Reviewer* - (American Mycological Society).
- *Molecular Plant Pathology*, *Reviewer* – Since 2006.
- *Plant Disease*, *Reviewer* – Since 2008.
- *Phytopathologia Mediterranea*, (Italy) *Senior Editor* – Since 2009.
- *Mycologia Iranica* (Iran), *Executive Director*

HONORS/AWARDS

- **Distinguished Researcher** (Iranian Ministry of Agriculture), years 2001, 2005 and 2008.
- **Khwarizmi International Award**, 2005, (Basic Sciences).

NOVELTIES

New Families

Family	Journal	Year
<i>Plectosphaerellaceae</i> W. Gams, Summerbell & Zare, fam. nov.	Nova Hedwigia 85: 476	2007
<i>Coniocessiaceae</i> Asgari & Zare, fam. nov.	Mycological Progress 10: 195	2011

New Genera

Genus	Journal	Year
<i>Lecanicillium</i> W. Gams & Zare, gen. nov.	Nova Hedwigia 72: 332	2001
<i>Haptocillium</i> W. Gams & Zare, gen. nov.	Nova Hedwigia 72: 334	2001
<i>Simplicillium</i> W. Gams & Zare, gen. nov.	Nova Hedwigia 73: 38	2001
<i>Musicillium</i> Zare & W. Gams, gen. nov.	Nova Hedwigia 85: 482	2007

<i>Leptobacillium</i> Zare & W. Gams, gen. nov.	Mycological Progress, in press	2016
<i>Ovicillium</i> Zare & W. Gams, gen. nov.	Mycological Progress, in press	2016
<i>Chlamydocillium</i> Zare & W. Gams, gen. nov.	Mycological Progress, in press	2016
<i>Chlorocillium</i> W. Gams & Zare, gen. nov.	Mycological Progress, in press	2016

New Species

Species	Journal	Year
<i>Lecanicillium attenuatum</i> Zare & W. Gams, sp. nov.	Nova Hedwigia 73: 19	2001
<i>Lecanicillium evansii</i> W. Gams & Zare, sp. nov.	Nova Hedwigia 73: 32	2001
<i>Lecanicillium acerosum</i> W. Gams, H.C. Evans & Zare, sp. nov.	Nova Hedwigia 73: 37	2001
<i>Haptocillium glocklingiae</i> Zare & W. Gams, sp. nov.	Nova Hedwigia 73: 281	2001
<i>Haptocillium rhabdosporum</i> Zare & W. Gams, sp. nov.	Nova Hedwigia 73: 288	2001
<i>Pochonia rubescens</i> Zare, W. Gams & López-Llorca, sp. nov.	Nova Hedwigia 73: 69	2001
<i>Pochonia microbactrospora</i> W. Gams & Zare, sp. nov.	Nova Hedwigia 73: 73	2001
<i>Coniochaeta gamsii</i> Asgari & Zare, sp. nov.	Nova Hedwigia 82: 228	2006
<i>Coniochaeta velutinosa</i> Asgari & Zare, sp. nov.	Nova Hedwigia 82: 232	2006
<i>Coniochaeta ershadii</i> Zare, Asgari & W. Gams sp. nov.	Nova Hedwigia 84: 177	2007
<i>Pochonia globispora</i> Zare & W. Gams, sp. nov.	Nova Hedwigia 84: 426	2007
<i>Barriopsis iraniana</i> Abdollahzadeh, Zare & A.J.L. Phillips, sp. nov.	Persoonia 23: 4	2009
<i>Phaeobotryon cupressi</i> Abdollahzadeh, Zare & A.J.L. Phillips, sp. nov.	Persoonia 23: 6	2009
<i>Preussia persica</i> Asgari & Zare, sp. nov.	Nova Hedwigia 90: 541	2010
<i>Preussia polymorpha</i> Asgari & Zare, sp. nov.	Nova Hedwigia 90: 539	2010
<i>Coniolariaella macrothecia</i> Zare, Asgari & W. Gams, sp. nov.	Mycologia 102(6): 1383	2010
<i>Coniocessia maxima</i> Asgari & Zare, sp. nov.	Mycological Progress	2010
<i>Coniocessia minima</i> Asgari & Zare, sp. nov.	Mycological Progress	2010
<i>Coniocessia anandra</i> Asgari & Zare, sp. nov.	Mycological Progress	2010
<i>Coniocessia cruciformis</i> Asgari & Zare, sp. nov.	Mycological Progress	2010
<i>Lasiodiplodia hormozganensis</i> Abdollahzadeh, Zare & A.J.L. Phillips, sp. nov.	Persoonia 25: 6	2010
<i>Lasiodiplodia iraniensis</i> Abdollahzadeh, Zare & A.J.L. Phillips, sp. nov.	Persoonia 25: 8	2010
<i>Chaetomium undulatum</i> Asgari & Zare, sp. nov.	Mycologia 103: 870	2011
<i>Chaetomium rectangulare</i> Asgari & Zare, sp. nov.	Mycologia 103: 872	2011
<i>Chaetomium interruptum</i> Asgari & Zare, sp. nov.	Mycologia 103: 874	2011
<i>Chaetomium grande</i> Asgari & Zare, sp. nov.	Mycologia 103: 874	2011
<i>Chaetomium iranianum</i> Asgari & Zare, sp. nov.	Mycologia 103: 877	2011
<i>Chaetomium truncatum</i> Asgari & Zare, sp. nov.	Mycologia 103: 877	2011
<i>Botryosphaeria scharifii</i> Abdollahzadeh, Zare, A.J.L. Phillips, sp. nov.	Mycologia 105: 2013	2013
<i>Dothiorella parva</i> Abdollahzadeh, Zare & A.J.L. Phillips, sp. nov.	Persoonia 32: 5	2014
<i>Dothiorella sempervirentis</i> Abdollahzadeh, Zare & A.J.L. Phillips, sp. nov.	Persoonia 32: 6	2014
<i>Aspergillus osmophilus</i> Asgari & Zare, sp. nov.	Mycoscience 55: 58	2014
<i>Xylaria longissima</i> Hashemi, Khodaparast, Zare & Elahinia, sp. nov.	Mycologia Iranica 2: 2	2015
<i>Leptobacillium leptobactrum</i> var. <i>calidius</i> Zare & W. Gams, var. nov.	Mycological Progress, in press	2016
<i>Sphaerostilbella parabroomeana</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016
<i>Hypomyces subglobosus</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016
<i>Hypomyces ellipsosporus</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016
<i>Chlamydocillium cyanophilum</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016

<i>Ovicillium attenuatum</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016
<i>Ovicillium napiforme</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016
<i>Ovicillium oosporum</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016
<i>Ovicillium subglobosum</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016
<i>Nectriopsis fuliginicola</i> Zare & W. Gams, sp. nov.	Mycological Progress, in press	2016

New Combinations and Names

Combination/Name	Journal	Year
<i>Lecanicillium lecanii</i> (Zimmerm.) Zare & W. Gams, comb. nov.	Nova Hedwigia 72: 333	2001
<i>Lecanicillium muscarium</i> (Petch) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 13	2001
<i>Lecanicillium longisporum</i> (Petch) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 16	2001
<i>Lecanicillium nodulosum</i> (Petch) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 18	2001
<i>Lecanicillium psalliotae</i> (Treschow) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 21	2001
<i>Lecanicillium dimorphum</i> (J.D. Chen) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 24	2001
<i>Lecanicillium aphanocladii</i> Zare & W. Gams, comb. et nom. nov.	Nova Hedwigia 73: 27	2001
<i>Lecanicillium tenuipes</i> (Petch) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 29	2001
<i>Lecanicillium aranearum</i> (Petch) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 30	2001
<i>Lecanicillium antillanum</i> (Castañeda & G. Arnold) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 34	2001
<i>Lecanicillium fusisporum</i> (W. Gams) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 34	2001
<i>Haptocillium balanoides</i> (Drechsler) Zare & W. Gams, comb. nov.	Nova Hedwigia 72: 335	2001
<i>Haptocillium sphaerosporum</i> (J. B. Goodey) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 278	2001
<i>Haptocillium zeosporum</i> (Drechsler) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 282	2001
<i>Haptocillium campanulatum</i> (Glockling) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 285	2001
<i>Haptocillium sinense</i> (K.G. Zhang, L. Cao & Z.Q. Liang) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 287	2001
<i>Simplicillium lanosoniveum</i> (van Beyma) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 39	2001
<i>Simplicillium obclavatum</i> (W. Gams) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 41	2001
<i>Simplicillium lamellicola</i> (F.E.W. Smith) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 42	2001
<i>Pochonia chlamydosporia</i> (Goddard) Zare & W. Gams, comb. nov. , var. <i>chlamydosporia</i>	Nova Hedwigia 72: 334	2001
<i>Pochonia c.</i> var. <i>catenulata</i> (Kamyschko ex Barron & Onions) Zare & W. Gams, comb. nov.	Nova Hedwigia 72: 334	2001
<i>Pochonia suchlasporia</i> (W. Gams & Dackman) Zare & W. Gams, comb. nov. , var. <i>suchlasporia</i>	Nova Hedwigia 73: 67	2001
<i>Pochonia s.</i> var. <i>catenata</i> (W. Gams & Dackman) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 69	2001
<i>Pochonia gonioides</i> (Drechsler) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 72	2001
<i>Pochonia bulbillosa</i> (W. Gams & Malla) Zare & W. Gams, comb. nov.	Nova Hedwigia 73: 73	2001
<i>Acrostalagmus luteoalbus</i> (Link : Fr.) Zare, W. Gams & Schroers, comb. nov.	Mycological Research 108: 581	2004
<i>Gibellulopsis nigrescens</i> (Pethybr.) Zare, W. Gams & Summerbell, comb. nov.	Nova Hedwigia 85: 477	2007
<i>Musicillium theobromae</i> (Turconi) Zare & W. Gams, comb. nov.	Nova Hedwigia 85: 482	2007
<i>Lecanicillium fungicola</i> (Preuss) Zare & W. Gams var. <i>fungicola</i> , comb. nov.	Mycological Research 112: 818	2008
<i>Lecanicillium fungicola</i> var. <i>aleophilum</i> (W. Gams & Zaayen) W. Gams & Zare, comb. nov.	Mycological Research 112: 821	2008
<i>Lecanicillium flavidum</i> (W. Gams & Zaayen) W. Gams & Zare, comb. et stat. nov.	Mycological Research 112: 821	2008
<i>Lecanicillium wallacei</i> (H.C. Evans) H.C. Evans & Zare, comb. nov.	Mycological Research 112: 816	2008

<i>Coniolaria</i> <i>ershadii</i> (Zare, Asgari & W. Gams) Zare, Asgari & W. Gams, comb. nov.	Mycologia 102(6): 1383	2010
<i>Pseudocercospora danaicola</i> (Vienn.-Bourg.) Pirnia & Zare, comb. nov.	Mycotaxon 120: 164	2012
<i>Chlorocillium griseum</i> (Petch) Zare & W. Gams, comb. nov.	Mycological Progress, in press	2016
<i>Leptobacillium leptobactrum</i> (W. Gams) Zare & W. Gams, comb. nov. , var. <i>leptobactrum</i>	Mycological Progress, in press	2016
<i>Hypomyces tubariicola</i> (W. Gams) Zare & W. Gams, comb. nov.	Mycological Progress, in press	2016
<i>Nectriopsis lindauiana</i> (Bubák) Zare & W. Gams, comb. nov.	Mycological Progress, in press	2016