

**“In The Name of the Almighty God”**

**Curriculum Vitae (C. V.)**



**Personal Data:**

**First name:** *Ebrahim*

**Last name:** *Mohammadi Goltapeh*

**Sex:** *Male*

**Date of birth:** *14/01/1958*

**Place of birth:** *Maragheh, Western Azarbaijan, Iran*

**Citizenship:** *Iranian*

**Marital status:** *Married, with two children*

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**Academic Qualification (Education):**

**1979-1984 B.Sc (Agri.):** *Mycology and Plant Pathology, Dept. of Plant Pathology, College of Agriculture, Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni, Solan, 173230 Himachal Pradesh, India.*

**1984-1986 M.Sc (Mycology and Plant Pathology),** *Dept. of Plant Pathology, Indian Agricultural Research Institute, New Delhi, 110012, India.*

**1986-1990 Ph.D:** *Mycology, Dept. of Plant Pathology, Indian Agricultural Research Institute, New Delhi, 110012, India.*

**2005-2006 PDF:** *Molecular Characterization of Aspergillus species through amplicon length polymorphism (ALP) using universal rice primers. Dept. of Plant Pathology, Indian Agricultural Research Institute, New Delhi, 110012, India.*

**2005-2006 PDF: *Piriforospora indica*: A Novel Cultivable Symbiotic Fungus with multiple Biotechnological Applications. Amity Institute of Herbal and Microbial Studies, Amity University.**

**Work Experience:**

**1990-2004 Teaching and Research in Dept. of Plant Pathology and Mycology, College of Agriculture, Tarbiat Modarres University,**

**Title of position: Professor**

**Address of Employment: Dept. of Plant Pathology and Mycology, College of Agriculture, Tarbiat Modarres University, Tehran, 14115 - 336 Iran.**

**Teaching Experience:**

- 1. Advance Mycology**
- 2. Techniques' in Mycology and Plant Pathology**
- 3. Biology of Edible Fungi (Cultivation and Production)**
- 4 (Endo and Ecto) Mycorrhizal Fungi (Symbiosis)**
- 5. Forest Mycology and Pathology**
- 6. Diseases and Pest of Cultivated Mushrooms**
- 7. Bio control of Plant Diseases of Fruit and Field crop**

**Professional Skills:**

**Microbiology: Isolation of plant pathogens from infected plants parts, single spore isolation, culture maintenance, spore germination studies cultural studies pathogenicity**

**Mushroom Biology, Cultivation and Production, Taxonomy, and Diseases Arbuscular Mycorrhizal Fungi (AMF) Biology, Taxonomy, and In vitro Cultivation. Ectomycorrhizal Fungi (Flashy Fungi) Macroscopic Agaricales Fungal Biology and Taxonomy (Classical and Molecular).**

**Publications:**

**A. Referred Journal Articles:**

- 1. E. Mohammadi Goltapeh and J.N. Kapoor, 1989. Comparative colony morphology of *Agaricus bisporus*. Indian Phytopathology, 42: 180-183.**
- 2. E. Mohammadi Goltapeh C. L. Jandaik, J.N. Kapoor and Ved Prakash. 1989. *Cladobotrynm verticillatum* - A new Pathogen of Jew's ear mushroom. Mushroom Journal for the Tropics, 9: 155-160.**

3. M. Motaghi, M. Mazaheri, N. Moazami, A. Farkhondeh, M. H. Fooladi and **E. Mohammadi Goltapeh**. 1997. Kefir Production in Iran. Word Journal of Microbiology and Biotechnology. 579-581.
4. A. H. Shirany Rad, S. A. Hashemi Dezfuli, A. Alizadeh, **E. Mohammadi Goltapeh** and M. J. Malakouti 1998. Distribution of vesicular-arbuscular mycorrhizae in cultivated soils and suitable host for their multiplication. Soil and Water 12(4): 35-40. (In Farsi).
5. M. Sadravi, **E. Mohammadi Goltapeh**, J. Blaszkowski, V. Minassian and A. Alizadeh 1999. Four vesicular-arbuscular mycorrhizal fungi from Iran. Seed and Plant 15(1): 9-23.
6. **E. Mohammadi Goltapeh** 1999. *Asterophora lycoperdoides*-A parasitic agaric new to Iran. Modarres Agricultural Science 1(1):114-116 (In Farsi).
7. **E. Mohammadi Goltapeh**, E. Mohammadzadeh Pasha and A. Alizadeh 2000. Cobweb disease of white button mushroom *Agaricus bisporus* in Iran and its management. Applied Entomology and Phytopathology 67(1 & 2): 29-41(in Farsi).
8. A. Iranbakhsh, A. Majd, Gh. Riazi and **E. Mohammadi Goltapeh** 2000. Studies on structure and ultrastructure of cells, synthesizing Atropine. Pajouhesh-va-Sazandegi 48: 90-94.
9. B. Moti Share, E. Majidi, H. Rahimian and **E. Mohammadi. Goltapeh** 2000. Study on Possibility of screening of potential Antagonists against *Erwinia amylovora* (Fire Blight Agent) among the epiphytic bacterial microflora of Apple and Pear trees. Modarres Agricultural Science 1(4):79-86.
10. F. Goharzadeh Attaie, H. Rahimian and **E. Mohammadi. Goltapeh** 2000. A comparative study on *Pseudomonas viridiflava* Strains isolated from Basil Spinach, Tobacco, Marigold and Citrus in Mazandaran Province. Modarres Agricultural Science 1(4):49-64.
11. Y. R. Danesh, **E. Mohammadi Goltapeh** and H. Rohani 2001. Identification of *Trichoderma* species causing green mould in button mushroom farms, distribution and their relative abundance. Applied Entomology and Phytopathology 69(1): 83-107 (in Farsi).
12. **E. Mohammadi. Goltapeh**, Z. Ebady and A. Basire 2001. Determining drying time and rate curves of dried button mushrooms (*Agaricus bisporus*) by Kiln drier. Journal of Agricultural Science and Natural Resource 8(3): 135-150. (In Farsi).
13. **E. Mohammadi. Goltapeh** 2001. Some interesting *Agarics* from Iran. Rostaniha, 2: 15-29. (In Farsi).

14. M. Nasrollahi, M. Torabi and **E. Mohammadi. Goltapeh** 2001. Virulence factors of stem Rust and Resistance of some advanced wheat genotypes to isolates of the pathogen at seeding stage. *Seed and Plant* 17(3): 244-261.
15. B. S. Pakdaman, H. Khabbaz, **E. Mohammadi. Goltapeh** and H. A. Afshari 2002. *In vitro* Studies on the Effects of Sugar Beet Fields Prevalent Herbicides on the Beneficial and Deleterious Fungal Species. *Pakistan Journal of Plant Pathology* 1 (1): 23-24.
16. M. R. Asef, **E. Mohammadi. Goltapeh** 2002. New host for *Armillaria* species in Iran. *Iranian Journal of Plant Pathology* 38: 98.
17. M. R. Asef, **E. Mohammadi. Goltapeh** 2002. Identification of Fungicolous Fungi of Iran. I. *Cladobotryum* species. *Rostaniha*, 3: 11-22. (In Farsi).
18. **E. Mohammadi. Goltapeh** Y. R. Danesh 2002. Study on the losses in Button Mushroom Yields caused by *Trichoderma* species in Iran. *Agricultural Science* 11: 1-15. (In Farsi).
19. E. Mohammadi. Goltapeh 2002. Identification of Five species of *Lepiota* from Iran. *Rostaniha*, 3: 95-106. (In Farsi).
20. M. R. Asef, E. Mohammadi. Goltapeh and A. Alizadeh 2003. Identification of *Armillaria* biological species in Iran. *Fungal Diversity*, 14: 51-60.
21. **E. Mohammadi. Goltapeh** 2003. Identification of Eleven *Coprinus* species of Iran. *Rostaniha*, 4: 39-56. (In Farsi).
22. B. S. Pakdaman, **E. Mohammadi. Goltapeh**, A. Alizadeh and A. Allameh 2003. Application of semi-purified Phytotoxins of *Fusarium graminearum* for evaluation of Head blight Resistance in wheat cultivars. *Journal of Agricultural Science and Natural Resource*, 10 (3): 137-147. (In Farsi).
23. A. Abbasi, A. Alizadeh, M. Mesbah and **E. Mohammadi Goltapeh** 2003. Studies on components of Resistance to *Cercospora* leaf spot in sugar beet. *Iranian Journal of Plant Pathology* 39: 1-15. (In Farsi).
24. A. Abbasi, A. Alizadeh, M. Mesbah and **E. Mohammadi Goltapeh** 2003. Comparison of different methods for evaluating of resistance to *Cercospora beticola* in sugar beet under field, greenhouse and in vitro condition. *Applied Entomology and Phytopathology* 71(1): (in Farsi).
25. A. A. Talebi, A. A. Zamany and **E. Mohammadi Goltapeh** 2003. Identification and description of some injurious Diptera pests of button mushroom (*Agaricus bisporus*) in Karaj. *Applied Entomology and Phytopathology* 71(1): 91-101. (In Farsi).

26. J. Abdollahzadeh, **E. Mohammadi Goltapeh** and H. Rouhani 2003. Evaluation of Antagonistic effect of *Trichoderma* species in biological control of causal agent of crown and root rot of sunflower (*S. minor*) *in vitro*. Agricultural Science 13(2): 13-23 (in Farsi).
27. A. A. Talebi, A. A. Zamany, **E. Mohammadi Goltapeh** and Y. Fathipour 2003. Biological notes on *Lycoriella auripila* (Dip.: Sciardae) and *Colboldia fuscipes* (Dip.: Scatopsidae), as important pest of button mushroom in Karadj. Journal of Entomological Society of Iran 23(1): 21-40. (In Farsi).
28. A. Abbasi, A. Alizadeh, M. Mesbah and **E. Mohammadi Goltapeh** 2003. Histopathological study of resistance to *Cercospora beticola* in sugar beet. Journal of Sugar Beet. 18(2): 155-166. (In Farsi).
29. Y. Ghosta, D. Ershad, R. Zare and **E. Mohammadi Goltapeh** 2003. Taxonomic study on *Alternaria* species in Iran (2). Rostaniha, 4(3-4): 105-122. (In Farsi).
30. S. Moosanejad, **E. Mohammadi Goltapeh** and M. Javan-Nikkhah 2004. Study on fertility status and distribution of Mating Type Alleles of rice fungus, *Magnaporthe grisea* in Gilan Province. Iranian Journal of Plant Pathology 40: 1-21. (In Farsi).
31. J. Abdollahzadeh, **E. Mohammadi Goltapeh** and H. Rouhani 2004. Biocontrol of crown and root rot of sunflower (*Sclerotinia sclerotium*) by *Trichoderma* species *in vitro*. Agricultural Science (in Farsi).
32. **E. Mohammadi Goltapeh**, M. R. Asef, E. Pourjam and Y. R. Danesh 2004. Six new records of *Agaricus* from Iran. Rostaniha, 5: 77-87 (in Farsi).
33. Y. Ghosta, D. Ershad, R. Zare and **E. Mohammadi Goltapeh** 2004. Taxonomic study on *Alternaria* species in Iran (1). Iranian Journal of Plant Pathology, 40: 31-56 (in Farsi).
34. A. A. Zamany, A. A. Talebi, **E. Mohammadi Goltapeh** and Y. Fathipour 2004. Investigation on morphological and biological characteristics of *Megaselia scalaris* (Diptera: Phoridae), as an important pest of button mushroom in Karadj, Iran. The Scientific Journal of Agriculture, 27(2): 45-58 (in Farsi).
35. Z. Ebady, A. M. K. Beheshti, **E. Mohammadi Goltapeh** and A. H. Ahadi, 2005. Study of earthworm production and vermicomposting using different agricultural wastes. Agricultural Science, 15: 99-108 (in Farsi).
36. A. Alavi, **E. Mohammadi Goltapeh**, K. Arzani and E. Pourjam 2005. Effect of Different Carbon and Nitrogen Sources on Vegetative

- growth of the King Oyster Mushroom (*Pleurotus eryngii*) Soil and Water Sciences, 19(2): 174-181 (in Farsi).
37. S. Moosanejad, M. Javan-Nikkhah and **E. Mohammadi Goltapeh** 2005. Characterization of Vegetative Compatibility Group in *Magnaporthe grisea* in Gilan Province. Iranian Journal of Agricultural Science, 36 (2): 305-317 (in Farsi).
  38. H. Khabbaz, **E. Mohammadi. Goltapeh** and H. Rahimian 2005. Isolation, screening and evaluation of the efficacy of potentially antagonistic bacteria for biocontrol of brown Bloch disease of the cultivated mushroom *Agaricus bisporus*. Iranian Journal of Plant Pathology, 41: 543-559 (in Farsi).
  39. Z. Ebady, **E. Mohammadi Goltapeh** and A. Basire 2005. Factors influencing the quality of dried button mushroom in Iran. Pajouhes-va-Sazandegi, 63:12-20 (in Farsi).
  40. K. H. Kariman, **E. Mohammadi Goltapeh**, and V. Minassian 2005. Arbuscular Mycorrhizal Fungi from Iran. Journal of Agricultural Technology, 1 (2): 301-313.
  41. Kh. Kariman, **E. Mohammadi Goltapeh**, and V. Minassian 2006. Three new species of Arbuscular Mycorrhizal Fungi of sugar cane fields of Iran. Agricultural Science, 16(1): 123-131 (in Farsi).
  42. K. Kheradmand, K. Kamali, Y. Fathipour, and **E. Mohammadi Goltapeh** 2006. Biology and life table parameters of the mushroom pest, *Pediculaster fletchmanni* (Acari: Siteroptidae), at three constant temperatures. Insect Science, 13: 375-380.
  43. K. Kheradmand, K. Kamali, Y. Fathipour, M. Barzegar and **E. Mohammadi Goltapeh** 2006. Effect of Pigmy mite *Pediculaster fletchmanni* (Acari: Siteroptidae), on mineral elements of button mushroom *Agaricus bisporus*. Pakistan Journal of Biological Sciences, 9(11): 2177-2180.
  44. Y. R. Danesh, **E. Mohammadi Goltapeh** A. Alizadeh, A. Varma and K. G. Mukerji 2006. Distribution and abundance of arbuscular mycorrhizal fungi from soybean rhizosphere in Iran. Journal of Agricultural Technology, 2(2): 251-257.
  45. Y. R. Danesh, **E. Mohammadi Goltapeh** and A. Alizadeh, 2006. Study on the growth patterns of transformed carrot hairy roots in an optimized system. Journal of Agricultural Technology, 2(1): 89-97.
  46. **E. Mohammadi Goltapeh** and Y. R. Danesh, 2006. Pathogenic interaction between *Trichoderma* species and *Agaricus bisporus*. Journal of Agricultural Technology, 2(1): 29-37.

47. K. Kheradmand, K. Kamali, Y. Fathipour, **E. Mohammadi Goltapeh** and Ali R.Nemati 2006. Crop loss assessment of *Pediculaster fletchmanni* (Acari: Siteroptidae), on button mushroom. Integrated Control in Protected Crops, Mediterranean Climate, IOBC/wprs Bulletin, 29(4): 109-114
48. J. Abdollahzadeh, **E. Mohammadi Goltapeh** and H. Rouhani 2006. Investigation on Biocontrol of crown and root rot of sunflower (*Sclerotinia sclerotirum*) by *Trichoderma* species in laboratory condition. Journal of Agricultural Science, 12 (1): 44-56 (in farsi).
49. Y. R. Danesh, **E. Mohammadi Goltapeh**, A. Alizadeh and M.Modarres Sanavy. 2006. Optimizing carrot hairy root production for monoxenic culture of arbscular mycorrhizal fungi in Iran. Journal of Biological Sciences, 6(1): 87-91.
50. R. Heydari, E. Pourjam and **E. Mohammadi Goltapeh**, 2006. Antagonistic effect of some species of *Pleurotus* on the root-knot nematode, *Meloidogyne javanica* *in vitro*. Plant Pathology Journal, 5(2):173-177.
51. B. S. Pakdaman, **E. Mohammadi. Goltapeh** and A. Alizadeh 2006. Effect of *Fusarium graminearum* phytotoxins on germinating seeds and tissue of wheet in relation to *Fusarium* head blight resistance. Indian Phytopathology, 59(1): 27-31.
52. J. Abdollahzadeh, **E. Mohammadi Goltapeh** and H. Rouhani 2006. Biocontrol control of *Sclerotinia* stem rot (*Sclerotinia minor*) of sunflower using *Trichoderma* species. Plant Pathology Journal, 5(2): 228-232.
53. M. Mohammadi Moghadam, **E. Mohammadi Goltapeh**, H. Hokmabadi, M. Haghdel and A. M. Mortazavi, 2006. Evaluation of susceptibility of pistachio cultivars to aflatoxigenic *Aspergillus flavus* and aflatoxin B1 production. Acta Horticulture, 726: 655-658.
54. K. Kheradmand, K. Kamali, Y. Fathipour, E. Ueckermann and **E. Mohammadi Goltapeh** 2007.Mite fauna associated with button mushroom *Agaricus bisporus* in Karaj region, Iran. Acta Entomologica Sinica, 50(4): 416-422.
55. A. Nikzad Gharehaghaji, **E. Mohammadi Goltapeh**, S. Masiha and H. R. Gordan. 2007. Hybrid Production of Oyster Mushroom *Pleurotus ostreatus* (Jacq: Fries) Kummer. Pakistan Journal of Biological Sciences, 10(14): 2334-2340.
56. B. S. Pakdaman, **E. Mohammadi Goltapeh**, R. Sepehrifar, M. Pouriesa, M. Rahimi Fard, F. Moradi, and S. A. M. Modarres, 2007. Cellular Membranes, the Sites for the Antifungal Activity of the Herbicide

- Sethoxydim. Pakistan Journal of Biological Sciences, 10(15): 2480-2484.
57. B. S. Pakdaman and **E. Mohammadi Goltapeh**, 2007. *In vitro* studies on the integrated control of rapeseed white stem rot disease through the application of herbicides and *Trichoderma* species. Pakistan Journal of Biological Sciences, 10(1): 7-12.
  58. K. Kheradmand, K. Kamali, Y. Fathipour, and **E. Mohammadi Goltapeh** 2007. Development, life table and thermal requirement of *Tyrophagus putrescentiae* (Astigmata: Acaridae) on mushroom *Agaricus bisporus*. Journal of Stored Products Research, 43: 276-281.
  59. Younes Rezaei Danesh **E. Mohammadi Goltapeh** 2007. Studies on effects of Benomyl and Carbendazim in *Trichoderma* green mould control in button mushroom farms. Agricultural Science, 16: 20-30 (in Farsi).
  60. **E. Mohammadi Goltapeh**, R. Aggarwal, B. S. Pakdaman and Renu, 2007. Molecular Characterization of *Aspergillus* Species Using Amplicon Length Polymorphism (ALP) and Universal Rice Primers. Journal of Agricultural Technology, 3 (1): 29-37.
  61. S. Mirzaei, **E. Mohammadi Goltapeh** and M. Shams-bakhsh, 2007. Taxonomical studies on the genus *Botrytis* in Iran. International Journal of Agricultural Technology, 3 (1): 65-76.
  62. K. Kheradmand, K. Kamali, Y. Fathipour, **E. Mohammadi Goltapeh** and E. A. Ueckermann, 2007. Thermal Requirement for Development of *Scancassania rodionovi* (Acari: Acaridae) on Mushroom. Journal of Economic Entomology (Ecology and Behavior), 100(4): 1098-1103.
  63. Y. R. Danesh, **E. Mohammadi Goltapeh**, A. Alizadeh, A. Varma and K. G. Mukerji 2007. Arbuscular mycorrhizal fungi associated with alfalfa rhizosphere in Iran. American-Eurasian Journal of Agricultural and Environmental Sciences, 2(5):574-580.
  64. **E. Mohammadi Goltapeh**, M. Shams-bakhsh and B. S. Pakdaman, 2007. **Different Sensitivity of the nematophagous fungus *Arthrobotrys oligospora* to Fungicides, Insecticides and Crop Supplements used in the Commercial Cultivation of *Agaricus bisporus*. JAST, (in Press).**
  65. M. Darvishnia, A. Alizadeh and **E. Mohammadi Goltapeh**, 2007. Fungi Associated with Root and Crown Rot of Wheat in Lorestan Province Agricultural Science, 17(1): 139-150.



66. S. Mirzaei, **E. Mohammadi Goltapeh**, M. Shams-bakhsh and N. Safaie 2008. Identification of *Botrytis* spp. on plants grown in Iran. Journal of Phytopathology, 156: 21-28.
67. S. Mirzaei, **E. Mohammadi Goltapeh**, M. Shams-bakhsh and N. Safaie 2008. Pathogenic species of Genus *Botrytis* in Iran. Rostaniha (Comunicated).
68. J.Tajbakhsh, M.A. Abdoli, **E.Mohammadi Goltapeh**, I.Alahdadi, and M.J.Malakouti, 2008. Recycling of spent moom compost using earthworms *Eisenia foetida* and *Eisenia Andrei*. The Enviromentalist DOI: 10.1007/s10669-008-9172-6.
69. M. R. Asef, **E. Mohammadi.Goltapeh** and Y. R. Danesh 2008. An - tagonistic effects of *Trichoderma* species in biocontrol of *Armillaria mellea* in fruit trees in Iran. Journal of Plant Protection Research, 48(2) 215-224.
70. A. Alavi, **E. Mohammadi Goltapeh**, A. Kashy and M. Naghavi 2008. Investigation on effect of temperature on vegetative growth of king oyster mushroom (*Pleurotus eryngii*). Agricultural Science (in Farsi).
71. E. Sedaghati **E. Mohammadi Goltapeh**, and V. Minassian 2008. Identification of four new species of Arbuscular Mycorrhizal Fungi of grape-vine in Iran. Rostaniha, 5: (Comunicated). (In Farsi).
72. M. J. Zarea, A. Ghalavand, **E. Mohammadi Goltapeh** and F. Rejali 2008. Influence of forage legumes mixed cropping on biomass yield, soil microbial biomass and nitrogenase activity. Green Farming Journal, 1(6):

73.

#### **B. Conferences/Seminars/Congress Articles:**

1. **E. Mohammadi Goltapeh** & J. N. Kapoor 1989. Bacterial brown blotch of mushroom *Agaricus bisporus* .41<sup>ST</sup> Annual meeting Indian Phytopathological Society (Abstract).
2. **E. Mohammadi Goltapeh** and J.N. Kapoor. 1989. Spore germination in *Agaricus bisporus*. Mushroom Science, 12: 275-280. (Full paper).
3. **E.Mohammadi Goltapeh** and J. N. Kapoor. 1989. New Substrate for spawn production of *Agaricus bisporus*. Mushroom science, 12: 281-285. (Full paper).
4. **E. Mohammadi Goltapeh** & J. N. Kapoor 1989. Solar pasteurization of

- Mushroom Compost International Symposium on Mushroom Biotechnology (Full Paper).
5. **E. Mohammadi Goltapeh** and J. N Kapoor. 1990. Mushroom brown blotch in north of India. Indian Phytopathology 43: (**Abstract**).
  6. **E. Mohammadi Goltapeh** and J. N. Kapoor. 1990. VLP, S in north of Indian mushroom growing belt. Indian Phytopathology 43: (Abstract).
  - 7 **E. Mohammadi Goltapeh**. 1991. A sciarid mushroom Fly India and its biology. Mushroom science, 13: 471-475. (Full paper).
  8. **E. Mohammadi Goltapeh**, and E. Pourjam 1993. Cobweb disease of cultivated mushroom in Iran. 11<sup>th</sup> Iranian Plant Protection Congress, Rasht, (Abstract).
  9. **E. Mohammadi Goltapeh**, and E. Pourjam 1995. Bacterial brown blotch of cultivated mushroom (*Agaricus bisporus*) in Iran. 12<sup>th</sup> Iranian Plant Protection Congress, Karaj, (Abstract).
  10. **E. Mohammadi Goltapeh**. 1997. Integrated Disease Management for mushroom Cultivation in Iran. International conference on Integrated Plant Disease Management for sustainable Agriculture. (Abstract).
  11. M. Sadravi, **E. Mohammadi Goltapeh** & V. Minassian 1997. First record of *Glomus monosporum* in Iran. Golden Jubilee International Conference Indian Phytopathological Society (Abstract).
  12. M. Darvishnia, A. Alizadeh and **E. Mohammadi Goltapeh** 1998. Fusarium species and other fungi associated with crown and root rot of wheat in Lorestan Province. 13<sup>th</sup> Iranian Plant Protection Congress, Karaj, (Abstract).
  13. Sh. Pourabdollah, D. Ershad, and **E. Mohammadi Goltapeh** 1998. A survey on mycoflora of peanut seeds. 13<sup>th</sup> Iranian Plant Protection Congress, Karaj, (Abstract).
  14. E. Mohammadzadeh Pasha, **E. Mohammadi Goltapeh** and A. Alizadeh 1998. Studies on cobweb disease of white button mushroom (*Agaricus bisporus*) in Iran. 13<sup>th</sup> Iranian Plant Protection Congress, Isfahan, (Abstract).
  15. Y. R. Danesh, **E. Mohammadi Goltapeh** and H. Rohani 2000. Identification of *Trichoderma* species causing green mould in button mushroom farms, distribution and their relative abundance. Mushroom Science 15: 653-659. (Full paper).
  16. **E. Mohammadi Goltapeh** and Y. R. Danesh 2000. Studies on interaction between *Trichoderma* species and *Agaricus bisporus* mycelium. Mushroom Science 15: 661-666. (Full paper).
  17. B. S. Pakdaman, **E. Mohammadi Goltapeh**, and A. Allameh, 2000. Effects of *Fusarium graminearum* semi-purified phytotoxins on wheat

- germinating seeds and tissue in relation to *Fusarium* head blight resistance of wheat. 14<sup>th</sup> Iranian Plant Protection Congress, Isfahan, (Abstract).
18. B. S. Pakdaman, **E. Mohammadi Goltapeh**, A. Alizadeh and A. Allameh, 2000. Comparison of deoxynivalenol production potential in different isolates of *Fusarium graminearum* and evaluation of inhibitory effect of its on wheat seed germination. 14<sup>th</sup> Iranian Plant Protection Congress, Isfahan, (Abstract).
  19. Y. R. Danesh, **E. Mohammadi Goltapeh** and H. Rohani 2000. Identification of *Trichoderma* species causing green mould in button mushroom farms, distribution and their relative abundance. 14<sup>th</sup> Iranian Plant Protection Congress, Isfahan, (Abstract).
  20. Y. R. Danesh, **E. Mohammadi Goltapeh**, 2000. Study the losses in button mushroom yields caused by *Trichoderma* spp. The causal agent of green moulds. 14<sup>th</sup> Iranian Plant Protection Congress, Isfahan, (Abstract).
  21. **E. Mohammadi Goltapeh**, and Y. R. Danesh, 2000. Studies on interaction between *Trichoderma* species and *Agaricus bisporus*. 14<sup>th</sup> Iranian Plant Protection Congress, Isfahan, (Abstract).
  22. **E. Mohammadi Goltapeh**, 2000. A contribution to the identification of *Coprinus* species of Iran. 14<sup>th</sup> Iranian Plant Protection Congress, Isfahan, (Abstract).
  23. M. Sadravi, **E. Mohammadi Goltapeh**, J. Blaszkowski V. Minasian & A. Alizadeh 2000. Introduce seven vesicular-arbuscular fungi, symbiont with roots of wheat, barley, corn and sorghum in Tehran and Khuzestan Provinces of Iran. 14<sup>th</sup> Iranian Plant Protection Congress, Isfahan, (Abstract).
  24. Y. R. Danesh, **E. Mohammadi Goltapeh**, 2000. Studies on the effect of some chemical compounds on mycelial growth of white button mushroom *in vitro*. The 2<sup>nd</sup> Iranian Horticultural Science Congress, Karaj, (Abstract).
  25. **E. Mohammadi Goltapeh**, 2000. Disease situation of white button mushroom *Agaricus bisporus* in Iran. The 2<sup>nd</sup> Iranian Horticultural Science Congress, Karaj, (Abstract).
  26. Y. R. Danesh, **E. Mohammadi Goltapeh**, 2000. Studies on effects of Benomyl and Carbendazim in *Trichoderma* green mould control. The 2<sup>nd</sup> Iranian Horticultural Science Congress, Karaj, (Abstract).

27. M. R. Asef Shaian, E.Mohammadi **Goltapeh** & A. Alizadeh 2001. Identification of *Armillaria* Biological Species in Iran. Asian International Mycological Congress (Abstract)..
28. **E. Mohammadi Goltapeh**, Abdollahzadeh & H. Rouhani 2001. Study on Interaction between *Trichoderma* species and *Sclerotinia minor* and *S. sclerotiorum* causal agent of *Sclerotinia* Stem rot of Sunflower in Khoy and Uromieh Regions. Asian International Mycological Congress (Abstract).
29. M. R. Asef Shaian **E.Mohammadi Goltapeh** & A. Alizadeh 2001. Biological Control of *Armillaria mellea* the Causal Agent of But Rot using *Trichoderma* Species. Asian International Mycological Congress (Abstract).
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### C. Extension/Seminars/Congress Articles

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### D. Books

- 1- **Principles** of Mushroom Cultivation. By: **E. Mohammadi Goltapeh** and E. Pourjam. 1<sup>st</sup> eds. 1994. Tarbiat Modares University Publishing Center. pp. 177.
- 2- **Common** diseases of small grain cereals, a guide to identification. By: F. J. Zillinsky. Translated by: **E. Mohammadi Goltapeh**, A. Alizadeh and E. Pourjam. 1995. Tarbiat Modares University Publishing Center. pp. 305.
- 3- **Compendium** of beet diseases and insects. By: E.D. Whitney and E. Duffus. Translated by: **E. Mohammadi Goltapeh**, B. Pakdaman Sardroud and Y. Rezaei Danesh. 1999. Tarbiat Modares University Publishing Center. pp. 275.
- 4- **Principles** of Mushroom Cultivation. By: **E. Mohammadi Goltapeh** and E. Pourjam. 2<sup>nd</sup> eds. 2001. Tarbiat Modares University Publishing Center. pp. 556.
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  - 10- **Biology** and cultivation White Button mushroom. By: B. L. Dhar. **E. Mohammadi Goltapeh** and Y. R. Danesh. 2008. Tarbiat Modares University Publishing Center. pp. 250.
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  - 12- **Rhizosphere** Ecology (Methods in Soil Biology) By: M.J.Zarea, Ghalavand and **E. Mohammadi Goltapeh** 2010. Avaye Noor Publishing Center. pp.192.
  - 13-**Mycorrhizas** (Anatomy and Cell Biology) by (R.Larry Peterson, Hugues. B.Massicotte and Lewis H. Melville) Translated **By: E. Mohammadi Goltapeh**, Y. R. Danesh and S.Mirzaei 2011. Tarbiat Modares University Publishing Center. pp.294.
  - 14- **Fungi** as Bioremediators by: **E. Mohammadi Goltapeh**, Y. R. Danesh and Ajit Varma 2013. Springer –Verlag Berlin Heidelberg. Pp.489.
  - 15- **Application of** Mycorrhizal Fungi in Sustainable Agriculture and Saline, Dry Soil By: M. J. Zarea, H. Alikhani, **E. Mohammadi Goltapeh** and A. Ghalavand 2014.Nashr.Jahat.ir.Pp295.Vol.1.
  - 16-**Application of** Mycorrhizal Fungi in Sustainable Agriculture and Saline, Dry Soil By: M. J. Zarea, H. Alikhani, **E. Mohammadi Goltapeh** and A. Ghalavand 2016.Nashr.Jahat.ir.Pp295.Vol.2.
  - 17- **Principles of** Oyster Mushroom Cultivation by: **E. Mohammadi Goltapeh**, V. Mahdizadeh and N. Mohammadi 2017. Agricultural Education and Extension publisher, Tehran, Iran. Pp.121.
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  19. **Hand book of Tissue culture**

## **E. Supervised Dissertation**

### **M.Sc. Thesis:**

1. **Effect** of supplementation on *Pleurotus sajor-caju* production and determination of some qualitative and quantitative characteristics. 1993. B. Tajeddin. M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by M. Vosoughi
2. **Studies** on different compost formulation using agricultural and industrial processing wastes in button mushroom production. 1996. A. Niknahad. M.Sc., Faculty of Agriculture, Tehran University. Supervised by **E. Mohammadi Goltapeh** and J. Kazerooni and advised by M. Hamedy.
3. **Studies** on cobweb disease of white button mushroom *Agaricus bisporus* in Iran. 1996 E. Mohammadzadeh Pasha, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh.
4. **Studies** on tissue culture of *Atropa belladonna* and effect of transformation by *Agrobacterium* species on atropine alkaloid production. 1997. F. Ostad Ali Mohammad. , M.Sc., Faculty of Biology, Imam Hossein University. Supervised by **E. Mohammadi Goltapeh** and advised by G. Riazi and A. Haji Beigi.
5. **Effect of** supplementation on yield and amino acids content of button mushroom (*Agaricus bisporus*). 1998. F. Bayat. M.Sc., Faculty of Agriculture, Tehran University. Supervised by M. Hamedy and **E. Mohammadi Goltapeh** and advised by A. Geramy.
6. **Application** of semi-purified phytotoxins of *Fusarium graminearum* for evaluation of head blight resistance in wheat cultivars. 1999, B. Pakdaman-e-Sardroud, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh and A. Allameh.
7. **Identification** of *Trichoderma* species causing green mould in button mushroom beds and evaluation of some fungicides in its control. 1999 Y. Rezaei Danesh, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by H. Rohani.
8. **Evaluation** of susceptibility of Pistachio cultivars to Aflatoxigenic *Aspergillus flavus* and to investigate Aflatoxin B1 production. 2000, M. Mohammadi Moghadam, M.Sc., College of Agriculture Tarbiat

- Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Allameh
9. **Evaluation** of the antagonistic effects of *Trichoderma* spp. In biological control of *Sclerotinia sclerotiorum* and *S. minor* isolated from Sunflower. 2001, J. Abdollahzadeh M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by H. Rouhani.
  10. **Effect of** microbial supplementation on yield of button mushroom (*Agaricus bisporus*) in Iran. 2002. M.Sc., Ameli-Renani, M.Sc., University of Islamic Azad, Science and Research Branch. Supervised by **E. Mohammadi Goltapeh** and advised by A. Kashi and J. V. Usefi.
  11. **Identification** of some biological species of *Armillaria* and evaluation of antagonistic effects of *Trichoderma* in biocontrol of *A. mellea*. 2002, A. Asef, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh.
  12. **Effect of** different compost composition on nutrutional value and quality of *Pleurotus* species and *Ganoderma lucidum* in vitro conditions. 2002, L. Shahsavani, M.Sc., College of Food Science Islamic Azad University. Supervised by **E. Mohammadi Goltapeh** and advised by M. Ghavami.
  13. **Studies** on wet bubble disease of white button mushroom (*Agaricus bisporus*) and the influence of some plant extract as a control measure. 2002, M. Jamali Ghahderigani, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh.
  14. **Determination** of vegetative compatibility groups and Mating Type of the rice blast fungus, *Magnaporthe grisea* (Hebert) Barr. In Guilan Province, Iran. 2003, S. Moosanejad, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by M. Javan-Nikkhah.
  15. **Isolation** and Identification of Arbuscular Mycorrhizal Fungi in Khorasan and Ghazvin Provinces. 2003, E. Sedaghati Khervi, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by V. Minasian.
  16. **Studies** on possibility of breeding of *Pleurotus ostreatus* strains by using Interspecies hybridization method. 2004. Azam Niknejad, M.Sc., College of Agriculture, Tabriz University. Supervised by **E. Mohammadi Goltapeh** and advised by H. Gordan and A. Motallebi.

17. **Isolation** and Identification of Arbuscular mycorrhizal fungi on sugarcane in Iran. 2004. Khalil Kariman. M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by V. Minassian.
18. **Investigation** on the causal agent of Apricot decline in Marand orchards. 2005. Ali Ebrahimzadeh, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh.
19. **Isolation** and Identification of Arbuscular mycorrhizal fungi associated with sugarcane from Khuzestan province, Iran. 2005. Nader Rokni, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh.
20. **Identification** and pathogenicity of Fusarium spp. The causal agent of basal and root rot of Onion in West and East Azarbiahjan Provinces. Akbar Jahedi M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by Naser Safaie.
21. **Assessment** of some poultry manures in the white button mushrooms (*Agaricus bisporus*) production in Iran. 2015 by Saman Soleymani M.Sc., Supervised by Abdolali Shojaeiyan and **E. Mohammadi Goltapeh** and advisor by Mahdi Ayyari Noushabadi.
22. **Studies on** Possibility use of Pistachio waste as supplement in button mushroom (*Agaricus bisporus*) production in Iran. 2015 by Akbar Poorjafari M.sc., College of Agriculture Tarbiat Modarres University. Supervised by Abdolali Shojaeiyan and **E. Mohammadi Goltapeh** and advisor by Mahdi Ayyari Noushabadi.
23. **Studies on** wet bubble disease of in button mushroom (*Agaricus bisporus*) and the influence of some plant extract as a control measure. 2002 by Mostafa Jamali Ghahderigani M.sc., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh.
24. **Identification** of Trichoderma species causing green mould in button mushroom (*Agaricus bisporus*) beds and evaluation of some fungicides in its control. 1999 by Younes Rezaei Danesh M.Sc., by College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by H. Rohani.
25. **Identification** and Pathogenicity of Fusarium spp. The causal agent of basal and root rot of onion in west and east Azarbaijan Provinces. 2014 by Akbar Jahadi M.Sc., by College of Agriculture Tarbiat

- Modarres University. Supervised by **E. Mohammadi Goltapeh** and Naser Safaie.
26. **Determination** amount of protein and amino acids extracted from mushroom (*Agaricus bisporus*) and its nutritional values in Iran. 2011 by Somayeh Pazoki Dehghanian M.Sc. Fard Payam Noor University Tehran. Supervised by Ali Reza Ahmadi and **E. Mohammadi Goltapeh** and advised by Reza Haji Hosseini.
  27. **Evaluation** of Morphological, physiological and genetic diversity of *Mycogone* spp. In Tehran and Alborz Province. 2011 M.Sc., by College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by Ebrahim Pourjam.
  28. **Studies on** *Trichoderma* species causal agent of green mould disease of *Agaricus bisporus* in Tehran Province. 2009 Maryam Montakhabi M.Sc. by College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by Naser Safaie.
  29. **Studies on** morphological, pathogenesis and molecular characteristics of *Lecanicillium fungicola* the causal agent of dry bubble disease of white button mushroom and the possibility of their control by some plant extracts. 2011 Mostafa Mehrparvar M.Sc. by College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by Naser Safaie.
  30. **Studies on** Cobweb disease of white button mushroom (*Agaricus bisporus*) in Iran 1996 M.Sc. by College of Agriculture Tarbiat Modarres University Supervised by E. Mohammadzadeh Pasha Supervised by **E. Mohammadi Goltapeh** and A. Alizadeh.
  31. **Studies on** effect of some essence of medicinal plant in control of *Trichoderma* Disease of Button Mushroom 2012 by Fatemeh Nikpour M.Sc. by College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by Naser Safaie.
  32. **Study on** the effect of few essential oils of plant on dry and wet bubble diseases of white button mushroom (*Agaricus bisporus*) 2012 by Siamak Ashkani M.Sc. College of Agriculture, Yasouj University Supervised by Mahdi Sadravi and **E. Mohammadi Goltapeh** and advised by Mohammad Abdollahi.
  33. **Effect** of supplementation *Pleurotus sajorcaju* mushroom beds on quality and quantity of fruiting bodies 1994. B. Tajahdein M.Sc. by College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by M. Voshogie.

34. **A Biological** study on Verticillium Disease (Dry bubble) of white button mushroom *Agaricus bisporus* and its chemical control 1998. By Mohammad Hassan Bakhteyari M.Sc. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by H. Rohani.
35. Identification of some Biological species of *Armillaria* and evaluation of antagonistic effects of *Trichoderma* in Biocontrol of *A. mella* 2001. By Mohammad Reza Asef Shaian M.Sc. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by Azizollah Alizadeh.
36. **Effect** of Microbial supplementation on yield of button mushroom (*Agaricus bisporus*) in Iran 2002.by Ameli renani M.Sc. Dept. of Horticulture, Islamic Azad University Supervised by **E. Mohammadi Goltapeh** and advised by A.Kashi and J.Vand Usefi.
37. **Effect** of different compost composition on nutritional value and quality of *Pleurotus* species and *Ganoderma lucidum* in Vitro conditions 2002. By L.Shahsavani.M.Sc. Science and Research Branch Islamic Azad University Supervised by **E. Mohammadi Goltapeh** and advised by M.Ghavami.
38. **Effect** of different mushroom composting formulation on different Agricultural and industrial waste in Mushroom production 19...by A. Nik Nahad M.Sc. Depart. Of Science and Food research University of Tehran Supervised by **E. Mohammadi Goltapeh** and advised by M. Hamedy.
39. **Study** on possibilities of screening of potential antagonists against *Erwinia amylovora* (Fire blight agent) among the epiphytic microflora of apple and pear trees 1999 by Babak Motie Share M.Sc. College of Agriculture Tarbiat Modarres University Supervised by Eslam Majidi and advised by H.Rhimian and **E. Mohammadi Goltapeh**.
40. **Biological** control of Charcoal rot of Soyabean caused by *Macrophomina phaseolina* using Mycorrhiza like and Antagonistic Fungi 2008 by Fariba Abbaszadeh M.Sc. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** advised by E.Pourjam, Y.Rezaie Danesh and Ajit Varma.
41. **Effect** of different Concentrations of Endophyte Fungi *Piriformospora indica* on physiology and yield of Strawberry under Hydroponic cultivation conditions 2014.by Hamidreza Rahmani M.Sc. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** advised by N.Safaie.
42. **Application** of semi purified phytotoxins of *Fusarium graminearum* for

- evaluation of Head blight resistance in wheat cultivars. 2012 by B. Pakdaman -e- Sardroud MSc. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh and A. Allameh.
- 43. The causes** of stone fruits decline in Tehran province 1996 by A.Agharafee MSc. College of Agriculture Tarbiat Modarres University Supervised by A. Alizadeh and **E. Mohammadi Goltapeh**
- 44. Isolation** of the salt adapted symbiosis (*Azospirillum*) as well as evaluating wheat weed competition response to *Piriformospora indica* inoculation and salinity stress 2012 by Nasrin Karimi M.Sc. College of Agriculture Ilam University Supervised by M.J. Zarea and **E. Mohammadi Goltapeh** advised by Ajit Varma.
- 45. Biocontrol** of Take all disease of wheat caused by *Gaeummonomyces graminis* var. *tritici* using mycorrhiza like fungi (*Pirifomospora indica* and *Sebacina vermifera*) and antagonistic fungi *Trichoderma* species 2010 by Mojgan Rabiey M.Sc. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by E. Pourjam and Ajit Varma.
- 46. To study** possibility of breeding of *Pleurotus ostreatus* by using strain hybridization for better yielding capacities. 2004 by A. Nikzad M.Sc Department of Horticulture, College of Agriculture University of Tabriz Supervised by S. Masiha and **E. Mohammadi Goltapeh** and advised by H. Reza Gordan and A. R.Motalibiazar.
- 47. Investigation** on the causal agent of Apricot decline in Marand Orchards.2005 by Ali Ebrahimzadeh M.Sc. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh.
- 48. Identification** of fungi associated with Cytospora canker of apple trees in Semirom region of Isfahan province and study on genetic diversity of dorminant species using molecular markers.2009 by Mehdi Mehrabi M.Sc. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by Khalil Berdi Fotouhifar.
- 49.** Investigation on the causal agent of Apricot decline in Marand Orchards 2005 by Ali Ebrahimzadeh M.Sc. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh.
- 50. Isolation** and identification of Arbuscular mycorrhizal fungi associated with sugarcane from Khuzestan Province, Iran 2005 by Nader Rokni M.Sc. College of Agriculture Tarbiat Modarres University Supervised



- by **E. Mohammadi Goltapeh** and advised by A. A. Alizadeh.
51. **Effect of** endophytic fungi *Piriformospora indica* and *Sebacina vermifera* on the plant growth and essential oil yield in *Mentha piperita*, *Thymus vulgaris* and *Foeniculum vulgare* in vitro and green house conditions 2010 by H. Kari Dolatabadi M.S.c College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by A. Moieni, K. Jaimand and Ajit Varma.
  52. **Study the effect** Nanoparticles of CuO and ZnO on earthworm and survey quality of production Vermicompost on growth of Bean 2012 by Frideh Behboudi M.S.c Department of Agronomy Science, Abouraihan Campus, Tehran University Supervised by Eraj Allahdadi and **E. Mohammadi Goltapeh** and advised by H.Iran Nezhad.
  53. **Identification** of some Biological species of *Armillaria* and evaluation of antagonistic effects of *Trichoderma* in biocontrol of *Armillaria mellea* by M.R.Asef Shaian M.S.c College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by A. Allizadeh.
  - 54.

## Advised Thesis/ Dissertation

### M.Sc. Thesis:

1. Freshwater leaf inhabiting hyphomycetes of Iranian river (Zayande-roud): Distribution and hyphal interactions. 1991, M. Ghaderian, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by H. Zare-Maivan and advised by **E. Mohammadi Goltapeh**.
2. A survey on mycoflora of peanut seeds. 1996, S. Pourabdollah, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by J. Ershad and advised by **E. Mohammadi Goltapeh**.
3. The causes of stone fruits decline in Tehran provinces. 1996. S. Agharafee. M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by A. Alizadeh and advised by **E. Mohammadi Goltapeh**.
4. Bioecological studies of the grape powdery mildew pathogen (*Uncinula necator*) and the effect of various systemic fungicides on its suppression in Sistan Region. 1996, N. Pangehkeh, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by A. Alizadeh

and advised by. **E. Mohammadi Goltapeh.**

5. Isolation and identification of degrading yeast of petrol in Caspian Sea. 1996. M. Khazaii Ravari. M.Sc., Islamic Azad University. Supervised by M. Mazaheri Asadi and advised by. **E. Mohammadi Goltapeh.**
6. Etiological studies root rot and crown rot of wheat in Lorestan Province. 1997, M. Darvishnia, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by A. Alizadeh and advised by. **E. Mohammadi Goltapeh.**
7. Recycling of poultry excreta by use of oyster mushroom culture (*Pleurotus sajor-caju*) for broilers ration. 1997, K. Ahmady, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by F. Shariatmadari and advised by. **E. Mohammadi Goltapeh.**
8. Evaluation of some potential antagonistic bacteria for the biological control of brown blotch disease of cultivated mushroom. 1998. H. Khabbaz Julfaii. M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by H. Rahimian and advised by. **E. Mohammadi Goltapeh**
9. Composting of sugarcane wastes and rice husk and studing of their effects on yield of corn. 1998, M. Mohammadian, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by M.J. Malakoti and advised by. **E. Mohammadi Goltapeh.**
10. Comparison of pectolytic Pseudomonads causing agent of citrus blast disease and blight of some ornamental and field crops in Mazandaran province. 1999. F. Goharzadeh Ataii. M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by H. Rahimian and advised by. **E. Mohammadi Goltapeh.**
11. Identification of virulence factors of wheat stem rust and evaluation of resistance in some advanced wheat lines to them at seedling stage. 1999, M. Nasrollahi, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by M. Torabi and advised by. **E. Mohammadi Goltapeh.**
12. Studies on strain variability of *Ralstonia solanacearun* in southern Kerman and preliminary studies on the host range of the bacterium. 1999, M. Azadvar, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by H. Rahimian and advised by. **E. Mohammadi Goltapeh.**
13. Study on possibilities of screening of potential antagonists against *Erwinia amylovora* (Fire blight agent) among the epiphitic microflora of apple and pear trees. 1999, B. Motieshare, M.Sc.,

- College of Agriculture Tarbiat Modarres University. Supervised by E. Majidi and advised by. H. Rahimian **E. Mohammadi Goltapeh.**
14. Study on phenotypic and electrophoretic diversityies of the pectolytic *Erwinias* infecting potato and corn in Hamedan and Mazandaran Provinces. 2000, R. Ahmadvand, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by H. Rahimian and advised by. **E. Mohammadi Goltapeh.**
  15. Identification of injurious Dipterean pests of button mushroom (*Agaricus bisporus*) and study on some of their biological characteristics in Karaj, Iran. 2002, A. Zamany, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by A. Talebe and advised by. **E. Mohammadi Goltapeh.**
  16. Bio-control of Root-knot Nematode (*Meloidogyne javanica*) by some species of *Pleurotus* 2004, R. Heydari, M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by E. Pourjam and advised by. **E. Mohammadi Goltapeh**
  17. Autopolyploid formation of oyster mushroom (*Pleurotus ostreatus*) by colchicines treatment. 2006. S. Z. Hosseini. M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by Gh. Karimzadeh and advised by. **E. Mohammadi Goltapeh.**
  18. Identification of Injurious Dipterean pests of button mushroom (*Agaricus bisporus*) and study on some of their Biological characteristics in Karaj, Iran.2002 by Abbas Ali Zamany M.Sc., College of Agriculture Tarbiat Modarres University. Supervised by Ali Asghar Talebi and advised by **E. Mohammadi Goltapeh.**
  19. Method of farming edible fungi (Dot and Shell shaped) and selection of better farming methods 2006 by Javad Azmi M.Sc by the Islamic Azad University Supervised by Razegi and K. Gadim and advised by **E. Mohammadi Goltapeh.**
  20. Composting of sugarcane wastes and rice husk and studing of their effects on yield of corn 1998 by M. Mohammadian M.Jafar M.Sc. College of Agriculture Tarbiat Modarres University Supervised by M. Malakoti and advised by **E. Mohammadi Goltapeh.**
  21. Study on pathognesity, morphological and molecular characteristics of Iranian isolates of *Macrophomina phaseolina* (Tassi) Goid, isolated from different Host in Iran 2010 by V. Mahdizadeh M.Sc. College of Agriculture Tarbiat Modarres University Supervised by N.Safaie and advised by **E. Mohammadi Goltapeh.**
  22. Study on phenotypic and electrophoretic diversityies of the *Pectolytic erwinias* infecting Potato and Corn in Hamedan and Mazandaran

- Provinces. 2000 by Rahim Ahmadvand MSc. College of Agriculture Tarbiat Modarres University Supervised by H. Rahimian and advised by ***E. Mohammadi Goltapeh***.
23. A survey on mycoflora of Peanut seeds.1996 by Shahrbanou Pourabdollah M.Sc. College of Agriculture Tarbiat Modarres University Supervised by j. Ershad and advised by ***E. Mohammadi Goltapeh***.
  24. Freshwater leaf inhabiting hyphomycetes of an Iranian river(Zayande-Roud) distribution and hyphal interactions 1991 by M.Ghaderian M.S.c College of Science Tarbiat Modarres University Supervised by H.Zare Maivan and advised by ***E. Mohammadi Goltapeh***.
  25. Identification of virulence factors of wheat stem rust and evsluation of resistance in some advanced wheat lines to them at seedling stage1998 by M. Nasrollahi M.Sc. College of Agriculture Tarbiat Modarres University Supervised by M.Torabi and advised by ***E. Mohammadi Goltapeh***.
  26. Studies on strain variability of *Ralstonia solanacearun* in southern Kerman and preliminary studies on the host range of the bacterium 1999 by Mahdi Azadvar MSc. College of Agriculture Tarbiat Modarres University Supervised by H. Rahimian and advised by ***E. Mohammadi Goltapeh***.
  27. Comparative studies leafy blight and blast or black pit symptoms in Mazandaran provinces 1990 by F. goharzadeh Ataie MSc. College of Agriculture Tarbiat Modarres University Supervised by H. Rahimian and advised by ***E. Mohammadi Goltapeh***.
  28. Bioecological studies of the grape powery mildew pathogen (*Uncinula necator*) and the effect of various systemic fungicides on its suppression in Sistan Region 1996 by Nasser Pangehkeh M.Sc. College of Agriculture Tarbiat Modarres University Supervised by A. Alizadeh and advised by ***E. Mohammadi Goltapeh***.
  29. Etiological studies Root Rot and Crown Rot of wheet in Lorestan Province 1997 by Mostafa Darvishnia M.Sc. College of Agriculture Tarbiat Modarres University Supervised by A. Alizadeh and advised by ***E. Mohammadi Goltapeh***.
  30. Isolation, Identification and bioremediation ability of yeast species of Petroleum in khazar-sea1998 by M.Sc. Azad Islamic University Supervised M. Mazaheri by advised ***E. Mohammadi Goltapeh***.
  31. Evaluating the effect of *Azospirillum bacteriumisolate* from saline and non-saline region soil and mycorrhizae and endophytic fungi in increase *Triticum aestivum* saline tolerance 2011 by Somayhe

- Hajinia 2011 M.Sc. College of Agriculture Ilam University Supervised by M.J. Zarea and advised by **E. Mohammadi Goltapeh** and F. Rejali.
32. Recycling of poultry excreta by use of Oyster mushroom culture (*Pleurotus sajor-caju*) for broilers ration 1997 by Kaveh Ahmady M.Sc. of Animal Science College of Agriculture Tarbiat Modarres University Supervised by F. Shariatmadari and advised by **E. Mohammadi Goltapeh**.
  33. Biocontrol of root-knot Nematode (*Meliodogyne javanica*) by some species of *Pleurotus* 2004 M.Sc. College of Agriculture Tarbiat Modarres University Supervised by E. Pourjam and advised by **E. Mohammadi Goltapeh**.
  34. Autopolyploid formation of Oyster Mushroom (*Pleurotus ostreatus*) by Colchicine treatment 2006 by Seyedeh Zahra Hosseini M.Sc. College of Agriculture Tarbiat Modarres University Supervised by Ghasem Karimzadeh advised by **E. Mohammadi Goltapeh**.
  - 35.

### Supervised Dissertation

#### Ph.D. Thesis:

1. Identification of vesicular-arbuscular mycorrhizal fungi on wheat, barley, corn and sorghum in Tehran and Khuzestan Provinces and to study the possible multiplication of them by tissue culture. 1999, M. Sadravi, Ph.D, College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by V. Minassian and N. Shahraeen.
2. Studies on Biology and Cultural Requirements of (*Pleurotus eryngii* DC: Fr. Quel) of Chaharmahal VA Bakhtiary Province (Iran). 2005, A. Alavi, Ph.D, College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Kashi, K. Arzani.
3. Taxonomic study and Possibility of in vitro Culture of Arbuscular Mycorrhizal Fungi Associated with Soybean and Alfalfa in Iran. 2007. Younes Rezaee Danesh, Ph.D, College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh and A. Varma.

4. Taxonomical study and genetic diversity of the *Botrytis* spp. In Iran. 2007. Soheila Mirzaei, Ph.D, College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by M. Shams-bakhsh and N. Safaie.
5. The Mites (Acari) Associated with mushrooms and biology of major species in Karaj region, Iran 2007. By Katayoon Kheradmand Ph.D College of Agriculture Tarbiat Modarres University Supervised by K. Kamali and advised by Y. Fathipour and **E. Mohammadi Goltapeh**.
6. Investigation on vermicomposting of spent mushroom compost and different organic wastes, and comparing of this product with peat moss as casing layer in a pilot scale. 2009 by Javad Tajbakhsh-Tabar Ph.D., College of Environmental Engineering Tehran University Supervised by M.A. Abdoli and **E. Mohammadi Goltapeh**.
7. Functional characterization of genes involved in the pathogenicity of *Mycosphaerella graminicola*. 2015. Naser Mohammadi Ph.D., College of Agriculture Tarbiat Modarres University. Supervised by **E. Mohammadi Goltapeh** and advised by R. Mehrabi.
8. Evaluation of genetic diversity among *Pleurotus eryngii* isolates by URP and ISSR markers and morphological traits 2010 by M. Behnamian Ph.D Department of Horticulture, College of Agriculture University of Tabriz Supervised by S.A. Mohammadi and **E. Mohammadi Goltapeh** and A.R. Motallebi and advised by A. Alavi.
9. Phytoremediation of lead-contaminated soils via Iranian native Poplars (*Populus alba* and *P. nigra*) in symbiosis with arbuscular mycorrhizal fungi. 2014. Azadeh Salehi Ph.D., Natural Resources-Forestry and Marine Sciences Tarbiat Modarres University. Supervised by Masoud Tabari and **E. Mohammadi Goltapeh**.
11. Investigation on the taxonomic status of citrus blast agents and evaluation of the epiphytic yeasts for potential biocontrol of the diseases 2012 by Farid Beiki Ph.D College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and H. Rahimian and advised by M. Shams-Bskhsh and A. Barzegar.
12. Taxonomic studies and possibility of *in vitro* culture of Arbuscular Mycorrhizal fungi associated with Soyabean and Alfalfa in Iran 2007 by Younes Rezaee Danesh Ph.D. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by A. Alizadeh and A. Varma.
13. Studies on biology and cultural requirements of (*Pleurotus eryngii* DC: Fr.Quel) of Chaharmahal VA Bakhtiary Province, Iran 2005 by

- Azizollah Alvi Ph.D College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh**.
14. Identification of vesicular arbuscular mycorrhizal fungi on wheat, barley, corn and sorghum in Tehran and Khuzestan Provinces and to study the possible multiplication of them by tissue culture 1999 by Mehdi Sadravi Ph.D College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** advised by V. Minassian and N. Shahraneh.
  15. Effect of Salicylic acid on disease development and induced defense genes expression in wheat after infection with *Mycosphaerella graminicola* 2014 Jalal Gholamnezhad Ph.D College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised Forough Sanjarian.
  16. Taxonomy and phylogeny of the Botryosphaeriaceae in Iran 2009 by Jafar Abdollahzadeh Ph.D College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and R. Zare advised by Alan John Lander Phillips and M. Shamsbakhsh.
  18. Taxonomy and genetic diversity of the *Botrytis* spp. In Iran 2006 Soheila Mirzaei Ph.D. College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** advised by M. Shamsbakhsh and N. Safaie.
  19. Transferring of Protease (Ac1) gene to two fungal species of *Arthrobotrys conoides* and *A. oligospora* and evaluation of Antagonistic capability of transgenic isolates against Root knot Nematode 2014. By Seyedeh Lavin Nourani Ph.D College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and N. Safaie.
  20. Evaluation of antagonistic effects of *Trichoderma sclerotiorum* and *S. minor* isolated from sunflower 2001. By Jafar Abdollahzadeh Ph.D College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and advised by H. Rouhani.
  21. Analysis of genetic resistance and pathogenicity in wheat: *Puccinia triticina* pathosystem 2012 by Seyed Taha Dadrezaie. Ph.D College of Agriculture Tarbiat Modarres University Supervised by **E. Mohammadi Goltapeh** and Farzad Afshari advised by Farzad Afshari and advised by Kumarse Nazari.

23.

## **Advised Thesis/ Dissertation**

### **Ph.D. Thesis:**

1. Ecophysiological studies of VAM symbiosis on wheat and soyabean. 1998, A. H. Shirany Rad, Ph.D., College of Agriculture Tarbiat Modarres University. Supervised by S. A. Hashemi Dezfuli and advised by. A. Alizadeh **E. Mohammadi Goltapeh**
2. Molecular Characterization of two Begomoviruses in Iran: Tomato yellow leaf curl virus (TYLCV) and Watermelon chlorotic stunt virus (WmCSV).2002, K. Bananej Ph.D., College of Agriculture Tarbiat Modarres University. Supervised by A. Ahoonmanesh and advised by. A. Kharipour **E. Mohammadi Goltapeh**.
3. Studies on some Histopathological and Biochemical Aspects of Resistance to *Cercospora* leaf spot in Sugar Beet.2003, S. Abbasi, Ph.D., and College of Agriculture Tarbiat Modarres University. Supervised by A. Alizadeh and advised by. M. Mesbah **E. Mohammadi Goltapeh**.
4. Taxonomic study on *Alternaria* genus in Iran.2004, Y.Ghosta, Ph.D., College of Agriculture Tarbiat Modarres University. Supervised by J. Ershad and advised by.R. Zare and **E. Mohammadi Goltapeh**.
5. Taxonomic and Genetic Variation of *Fusarium* spp. (section liseola) Associated with Poaceae. 2007. M. Darvishnia, Ph.D., College of Agriculture Tarbiat Modarres University. Supervised by A. Alizadeh and advised by.R. Zare and **E. Mohammadi Goltapeh**.
6. The Mites (Acari) associated with mushrooms and biology of major species in Karaj region, Iran. 2007. K. Kheradmand, Ph.D., College of Agriculture Tarbiat Modarres University. Supervised by K. Kamali and advised by.Y. Fathipour and **E. Mohammadi Goltapeh**.
7. Taxonomic study on the Genus *Alternaria* in Iran 2000 by Youbert Ghosta Ph.D College of Agriculture Tarbiat Modarres University Supervised by D. Ershad advised by R.Zare and **E. Mohammadi Goltapeh**.
8. Taxonomic and Genetic variation of *Fusarium* spp. (section Liseola) associated with Poaceae 2003 by Mostafa Darivishnia Ph.D. College of Agriculture Tarbiat Modarres University Supervised by A.Alizadeh advised by R.Zare and **E. Mohammadi Goltapeh**.
9. Studies on some Histopathological and Biochemical aspects of resistance to *Cercospora* leaf spot in Sugar Beet 2003 by Saeid Abbasi Ph.D



College of Agriculture Tarbiat Modarres University Supervised by A. A. Alizadeh and advised by M. Mesbah and **E. Mohammadi Goltapeh.**

- 10.** The effect of organic manure and like Mycorrhizal fungi (*Piriformospora indica*) on Quantity and Quality Traits of Medicinal plant fennel (*Foeniculum vulgare* Mill.) under different irrigation regimes. 2013 by Ehsan Jamshidi PhD., College of Agriculture Tarbiat Modarres University. Supervised by Amir Ghalavand and Fatemeh Sefidkon and advisor **E. Mohammadi Goltapeh.**
- 11.** Taxonomy of the genus *Agaricus* in Iran 2016 by Valiollah Mahdizadeh Ph.D College of Agriculture Tarbiat Modarres University Supervised by Naser Safaie advised by **E. Mohammadi Goltapeh.**

**12.**

Language: **Persian (Farsi,) Turkish and English**

**Awards:**

- A.** Best Ph.D Student in IARI, Pusa Institute New Delhi India
- B.** Best University Lecturer Prize. 1995, awarded by the Chancellor of the Tarbiat Modarres University.
- C.** Best University Published Books in 2003, on **Principle's of Mushroom. Cultivation** 3<sup>rd</sup> edition awarded by the Chancellor of the Tarbiat Modarres University.
- D.** Best University Lecturer Prize. 2003, awarded by the Chancellor of the Tarbiat Modarres University
- E.** Best researcher awarded by the Minister of Agriculture, Tehran Iran. I.R.Iran.
- F.** Best Researcher awards by the Governor of Tehran, in Tehran Province, I.R. Iran.

**Editorial board of Journals:**

- 1) Asian Journal of Plant Pathology
- 2) International Journal of Botany
- 3) Plant Pathology Journal
- 4) Research Journal of Botany
- 5) Journal of Agronomy and Crop Science

6)