

Leila Samiei

Curriculum vitae



Current position

- Head of Department of Ornamental plants,
- Research center for plant sciences, Ferdowsi University of Mashhad, Mashhad, Iran.
- President of Society for Ornamental Plants- Branch Khorassan

Education

- **Ph.D.** in Physiology and Breeding of Ornamental Plants, Dept. of Horticulture, College of Agriculture and Natural Resources, University of Tehran, Karaj, Iran (2004-2010)

Dissertation: "The evaluation of genetic diversity of wild roses of Iran via morphological and molecular markers and investigation the wild roses seed germination"

- **M.Sc.** in Horticulture, Dept. of Horticulture, College of Agriculture and Natural Resources, University of Tehran, Karaj, Iran (2001-2004)

Thesis: "Investigation of peatmoss substituting with Palm tree celluloid wastes for growing *Aglaonema* (*Aglaonema commutatum* 'Silver Queen') and *Pothos* (*Epipremnum aureum* 'Golden Pothos') "

- **B.Sc.** in Horticulture, Dept. of Horticulture, College of Agriculture, Ferdowsi University of Mashhad, Mashhad, Iran (1996-2000)

Conferences

- Hadizadeh, H., Babaei, A., **Samiei, L.** Jodaki, M. *Evaluation and Comparison of Morphological traits of several *Eremurus* species native to Iran with ornamental approach.* 1st International and 2nd National Ornamental Plant Congress.2016. Mashhad. Iran.
- Hadizadeh, H., **Samiei, L.** Biotechnology in Ornamental Plants. 1st International and 2nd National Ornamental Plant Congress.2016. Mashhad. Iran.

- Karimian, Z. **Samiei, L.**, Nabati, J. *Investigation of Flowering in Ornamental Sage (Salvia splendens) under Salt Stress with Humic Acid Application*. 1st International and 2nd National Ornamental Plant Congress. 2016. Mashhad. Iran.
- Alipur, S., Tehranifar, A., Shoor, M., **Samiei, L.**, Farahmand, H. *Fritillaria raddeana: an important and neglected species of fritillaria in Northeastern provinces of Iran*. International Symposium on Role of Plant Genetic Resources on Reclaiming Lands and Environment Deteriorated, 2016. Shiraz. Iran.
- Davudi Pahnkolaei, M., **Samiei, L.**, Tehranifar, A., Shoor, M. *Investigation of micropropagation of Rosa canina in different medium in vitro condition*. 1st National congress of Ornamental plants of Iran, 2014. Karaj, Iran.
- Hoseini, A., Tehranifar, A., **Samiei, L.** Shoor, M. Memariani, F. *The effect of various temperature on seed germination of some Allium species native to Iran*. 1st National congress of Ornamental plants of Iran, 2014. Karaj, Iran.
- Hoseini, A., **Samiei, L.** *Determining the optimum temperature for germination of Climacoptera turcomanica, a plant with high ornamental potential in Iran*. 1st National congress of Ornamental plants of Iran, 2014. Karaj, Iran.
- **Samiei, L.** Tehranifar, A., Aghdaei, M., Vesal, S. *Evaluation the in vitro propagation of Dionysia tapetodes, a plant with high ornamental potential*. 1st National congress of Ornamental plants of Iran, 2014. Karaj, Iran.
- Davudi Pahnkolaei, M., Tehranifar, A., **Samiei, L.**, Shoor, M. *Micropropagation of Rosa canina in different concentrations of plant growth regulators*. 3rd National medicinal plant Congress, 2014. Mashhad, **Iran**.
- Salami, M., Abedi, B., **Samiei, L.**, Nemati, M. *Controlling the infection of Berberis vulgaris explans in vitro*. 3rd National medicinal plant Congress, 2014. Mashhad, **Iran**.
- Safari mohammadi, Z., Abedi, B., Moghaddam, M., **Samiei, L.** *Effect of salin stress on morphological characteristics of Mint (Mentha spicata L.)*. 3rd National medicinal plant Congress, 2014. Mashhad, **Iran**.
- Davudi Pahnkolaei, M., Tehranifar, A., **Samiei, L.** *Evaluation the effect of plant growth regulators on in vitro shoot regeneration of Rosa beggeriana Schrenk*. 8th National Biotechnology congress of Islamic Republic of Iran, 2013. Tehran, **Iran**.
- **Samiei, L.**, Kiani M., Zarghami H., Memariani F., Joharchi M. *Evaluation the genetic diversity of some Iranian alliums (Allium spp.) with emphasis on ornamental species*. 24th Eucarpia Symposium on Ornamentals – Ornamental Breeding Worldwide, 2012. Warsaw, **Poland**

- **Samiei, L.**, Naderi, R., Khalighi, A., Bushehri, A.A., Smulders, M.J.M., Esselink, D. *Genetic diversity of Rosa canina L. accessions using microsatellite markers and morphological traits*. The 7th national biotechnology congress of Iran. 2011, Tehran, **Iran**.
- **Samiei, L.**, Naderi, R., Khalighi, A., Bushehri, A.A., Mozaffarian, V., Kazempour, S., Smulders, M.J.M. *Evaluation of the genetic diversity of rose species (Rosa spp.) of Iran using microsatellite markers*. 7th Iran national horticulture conference.2011. Esfahan, **Iran**
- **Samiei, L.**, Naderi, R., Khalighi, A., Bushehri, A.A., Mozaffarian, V., Esselink, D. and Smulders, M.J.M. *In search of genetic diversity in Rosa foetida Herrmann in Iran*. 23rd Eucarpia symposium, Section Ornamentals “Colorful breeding and genetics”. **2009**. Leiden, **The Netherlands**.
- **Samiei, L.**, Naderi, R., Khalighi, A., Shahnejat-Bushehri, A.A., Mozaffarian, V. *Evaluation the rose germplasm resources of Iran*. First international rose genomics. **2007**, Angers, **France**
- **Samiei, L.**, Khalighi, A., Kafi, M. & Samavat, S. *Peatmoss substituting with some organic wastes in Pothos (Epipremnum aureum Cv. 'Golden Pothos') growing media*. International Symposium of Growing Media. **2005**. Angers, **France**.
- **Samiei, L.**, Barzegar, L., Tehranifar, A. & Ayatollahi, M. *The effect of different N-based fertilizers on the quality of Gerbera cut flower*. 3rd Iranian annual conference of Horticultural sciences. **2003**. Karaj. **Iran**
- **Samiei, L.**, Barzegar, L., Tehranifar, A. & Ayatollahi, M. *"Evaluation the effects of different types of ammonium fertilizers and growing media on the quality of Gerbera"*. Proc of the 1st scientific conference of agriculture and natural resources students. **2003**. Rasht, **Iran**
- **Samiei, L.**, Khalighi, A., Kafi, M. *"Can Palm tree wastes be considered as an organic growing media for ornamental plants?"* Proc of 3rd national conference on the development in the application of the biological products and optimum utilization of chemical fertilizers and pesticides in agriculture. **2003**, Karaj, **Iran**

Publications

- Khorshidi, S., Davarinejad, G. H, **Samiei, L.**, Moghaddam, M. 2016. *Investigation of the forst resistance of vegetative and reproductive buds of Pear cultivars in Mashhad climate condition*. Journal of Horticultural Sciences (In Press).

- Arghavani, M., Zaeimzadeh, A., Savadkouhi, S., **Samiei, L.** **Salinity Tolerance of Kentucky Bluegrass as Affected by Nitrogen Fertilization.** Journal of Agriculture Science and Technology (*In Press*).
- Karimian, Z., Samiei, L., Kazemi, F. 2016. **Assessment of User's Preferences of Campus Green Space at Ferdowsi University of Mashhad-Iran.** Iranian Journal of Agricultural Science (*In Press*).
- **Samiei, L.,** Kiani, M., Zarghami, H., Memariani, F., & Joharchi, M. R. (2015). **Genetic diversity and interspecific relationships of some Allium species using inter simple sequence repeat markers.** Bangladesh Journal of Plant Taxonomy, 22(2), 67-75.
- Esmaeili, G., Azizi, M., Aruei, H., **Samiei, L.** 2015. **Micropropagation of Astragalus adscendens :A Source of Gaz-angabin Manna in Iran** (Persian Manna). Journal of Agriculture Science and Technology 18(3): 1-10 (*In press*).
- Esmaeili, G., Azizi, M., Aruei, H., **Samiei, L.** (2015). *Micropropagation of Astragalus adscendense through apical bud. Iranian journal of horticultural sciences* . (in Persian). *In press*.
- Davoudi Pahnekolayi, M., Tehranifar, A., **Samiei, L.,** Shoor, M. (2014)*Micropropagation of Rosa canina through axillary shoot proliferation.* Journal of Ornamental Plants 4 (1): 45-51
- **Samiei, L.,** Naderi, R., Khalighi, A., Shahnejat-Bushehri, A.A., Mozaffarian, V., Esselink, G.D., Kazempour Osaloo, S., Smulders, M.J.M. (2010). *Genetic diversity and genetic similarities between Iranian rose species.* Journal of Horticultural science and biotechnology 85(3):231-237
- Delamaire, S.; Esselink, G.D.; **Samiei, L.;** Courtin, C.M.; Magnoux, E.; Rousselet, J.; Smulders, M.J.M. (2010). *Isolation and characterization of six microsatellite loci in the larch budmoth Zeiraphera diniana (Lepidoptera: Tortricidae).* European Journal of Entomology 107: 267-269
- **Samiei, L.,** Naderi, R., Khalighi, A., Bushehri, A.-A., Mozaffarian, V., Esselink, D. and Smulders, M.J.M. (2009). *In search of genetic diversity in Rosa foetida Herrmann in Iran.* Acta Horticulturae 836:25-30
- **Samiei, L.,** Khalighi, A., Kafi, M. & Samavat, S. (2005). *Investigation of peatmoss substituting with palm tree celluloid wastes for growing Aglaonema (Aglaonema commutatum Cv. 'Silver Queen').* Iranian Journal of Agricultural Sciences (in Persian) 36:25-33
- **Samiei, L.,** Khalighi, A., Kafi, M. & Samavat, S. (2005). *Peatmoss substituting with some organic wastes in pothos (Epipremnum aureum Cv. 'Golden*

Pothos' *growing media*. Iranian journal of horticultural science and technology (in Persian) 6 (2): 79-88

Work and Academic experiences

- Director of “ Comprehensive landscape Project of Golbahar, New City” (2015-now)
- Head of Department of Landscape, Binaloud University, Mashhad, Iran. (2010-2013)
- Research assistant at Molecular lab, Plant Research International, Wageningen, The Netherlands (2008-2009)
- Research assistant at Biotechnology lab, Dept. of Horticulture, Tehran University, Tehran, Iran. (2007)

Language

- Languages: Persian (Mother Tongue), English, French