

Curriculum Vitae

Personal information

Full name: Noorollah Ahmadi
Date and place of birth: 11 September 1969, Iran
Nationality: Iranian
Address: Department of Horticultural Science, Faculty of Agriculture Tarbiat
Modares University, P. O.Box 14115-336, Tehran, Iran

Education

2004-2008 PhD. Student at Gottfried Wilhelm Leibniz Universität Hannover, Department of Horticulture
1997-2000 MSc. in Horticulture, Tarbiat Modares University, Tehran, Iran
1995-1997 BSc. in Agricultural Engineering, University of Tehran, Tehran, Iran
1988-1990 Associate of Agricultural Science, University of Sistan & Balouchestan, Zabol, Iran
1990 High School Diploma on Experimental Sciences, Shiraz, Iran

Professional activities:

Teaching:

Greenhouse Management,
Production, postharvest handling and Marketing of ornamental plants
Physiology of ornamental Plants

Experience:

- 2011 Workshop trainer, "Biotechnology and genetic engineering in ornamental Plants"
- 2010 Workshop leader and trainer, "Using Real-time PCR in High throughput genotyping study"
- 2010 Workshop leader and trainer, "Principles and technical aspects of Real time PCR"
- 2000-2003 Academic Staff Member of Agriculture and Natural Resources Research Center of Fars, Iran

Honors and Awards

- 1997 The First Rank in "Iran Universities M.Sc. Entrance examination", Administered by the National Education Measurement Organization, Ministry of Science Research and Technology of IRAN, March 1997
- 1997-1999 A Scholarship for Master Science Studies at Tarbiat Modares University, Awarded by *Iranian* Agricultural Research and Education Organization.
- 1999 Scientific Committee Member of the 2th National Conference on Olive 'Olea europaea'. Oct., 1999. Karaj, Iran.
- 2004- 2008 A Scholarship for Doctoral studies in Abroad, Awarded by the Ministry of Science, Research and Technology of Iran.

Training courses

The practical course on "Plant Biotechnology" held at LG MoleKulargenetik, Hannover University, Germany, 21.02.-18.03.2005

The practical course on plant physiology, Methods for molecular biological and biochemical studies, held at Developmental and Applied Physiology Section, Hannover University, Germany, 1st to 5th August 2005

Protein-Sciences workshop held by GE Healthcare Europe GmbH at Hannover Medical School 10. April 2008

Ph.D-course in postharvest, held by the Research Schools of LIFE/KU (RSHS) and the Faculty of Agricultural Science (SAFE), Odense, Denmark, August 14-17, 2008

Seminar- workshop on applied research, with collaboration of Preston University Ajman, held at Shahid Beheshti University, Tehran, Iran, 25-26.07.2009

Membership

JOURNAL PAPERS

Ahmadi, N. (2012). Rooting and growth of cuttings from ethylene-low or ethylene-high sensitive miniature rose genotypes under mist condition. *Acta Horticulture*, 952: 893-898.

Barzegar, K., Yadollahi, A., Imani, A., **Ahmadi, N.** (2012). Responses to drought stress of almond cultivars and genotypes grown under field conditions. *International Journal of Agriculture: Research and Review*. Vol., 2 (3), 205-210.

Barzegar, K., Yadollahi, A., Imani, A., **Ahmadi, N.** (2012). Influences of severe water stress on photosynthesis, water use efficiency and proline content of almond cultivars. *Journal of Applied Horticulture*, 14(1)

Ahmadi, N., Mibus H., Serek M. (2009). Identification of ethylene induced genes in abscission zone of *Rosa hybrida* L. by use of differential display. *Acta Horticulture*, 847: 81-86.

Ahmadi, N., Mibus H., Serek M. (2009). Characterization of ethylene-induced organ abscission in F1 breeding lines of miniature roses (*Rosa hybrida* L.). *Postharvest Biology and Technology* 52:260-266

Ahmadi, N., Mibus H., Serek M. (2008). Isolation of an ethylene induced putative nucleotide laccase in miniature roses (*Rosa hybrida* L.). *J. Plant Growth Regul.* 27:320–330.

Ahmadi, N., Arzani, K., Moeini, A. (2001). Study of pollen storage, germination and pollen tube growth in some citrus cultivars. *Seed and Plant Journal (SPII)*, Vol 17, No (1):216- 229. (In Persian with English Abstract)

Theses

Ahmadi, N. 1999. Effects of Storage Methods and Environmental Conditions on Citrus Pollen Germination. Master of Science (M.Sc.) Thesis, Tarbiat Modares University, Tehran, Iran (In Persian with English Abstract)

Ahmadi, N., 2008. Characterization of Ethylene-Induced Abscission in Miniature Rose (*Rosa hybrida* L.). PhD thesis, Gottfried Wilhelm Leibniz Universität Hannover, Germany

Papers presented in national scientific congresses (in Farsi)

Ahmadi, N., Mibus H., Serek M. 2011. Study of Laccase gene expression in ethylene-tolerant and ethylene-sensitive genotypes of rose. The 7 th National Biotechnology Congress of Iran 12-14 Sep,

- 2011, Tehran, Iran.
- Khalaj, K., Ahmadi, N. and Souri, M.K. 2011 Change in respiration rate and production of ethylene in Asian pears sprayed with nutrition. Proceeding of the 7th Iranian Horticultural Science Congress, 4-6 Sep 201, Esfahan, I. R. Iran
- Khalaj, K., Ahmadi, N. and Souri, M.K. 2011. Study the total phenolic compounds at harvest time and during cold storage of Asian pear *Pyrus serotina* Rehd . 5th Regional Congress on Advances in Agricultural Research (West of Iran). 18-19, May. University of Kurdistan, Iran.
- Ahmadi, N. 2010. Agricultural Research Procedure and Necessity of Reforming Research System. National Congress on Research-Technology Management, 27- 28 Dec. 2010, p. 37-38. Tehran, Iran
- Ahmadi, N., Mibus H., Serek M. 2010. Screening of rose genotypes for high and low sensitivity to ethylene in obtained rose populations. National Seminar on Improvement and Development of Flowers and Ornamental Plants Market in Iran, Oct. 2010 p. 341- 348, Mahallat, Iran
- Ahmadi, N., Mibus H., Serek M. 2010. Effect of exogenous ethylene treatment on expression of ethylene receptor and signaling genes in *Rosa hybrida* . National Seminar on Improvement and Development of Flowers and Ornamental Plants Market in Iran, Oct. 2010 p. 349- 356, Mahallat, Iran
- Ahmadi, N., Mibus H., Serek M. 2009. Using differential display- PCR to isolate ethylene-responsive cDNAs in miniature roses (*Rosa hybrida*). Proceeding of the 6th Iranian Horticultural Science Congress, 2-15 July 2009, p.79, Rasht, I. R. Iran
- Ahmadi, N., Mibus H., Serek M. 2009. The full-length cloning and detection of laccase gene expression in miniature rose by Real-time PCR. The 6th National Biotechnology Congress of Iran 13-15 Aug, 2009, p. 1-6, Milad Tower Conference Hall, Tehran, Iran
- Ahmadi, N., 2003. Effects of harvesting date on alternate bearing in 'KINNOW' mandarin. The third Iranian Congress of Horticultural Sciences, 1-3 Sep., 2003, p.185-186, Karaj, Iran
- Ahmadi, N., 2003. Effects of harvesting date on alternate bearing in 'KINNOW' mandarin. The third Iranian Congress of Horticultural Sciences, 1-3 Sep., 2003, p.185-186, Karaj, Iran
- Ahmadi, N., 2003. Study of quantitative and qualitative characters of 'KINNOW' mandarin fruits at different of harvesting time. The third Iranian Congress of Horticultural Sciences, 1-3 Sep., 2003, p.186, Karaj, Iran
- Ahmadi, N., Arzani, K. and Moeini, A. 2000. Study of pollen morphology of some citrus cultivars. The Second Horticultural Sciences Congress of Iran, p. 236, 19-21 Sep., 2000, Karaj, Iran
- Ahmadi, N., Arzani, K. and Moeini, A. 2000. Study on determination of the best media for in-vitro citrus pollen viability test. The Second Horticultural Sciences Congress of Iran, 19-21 Sep., 2000, p. 9, Karaj, Iran
- Ahmadi, N., Arzani, K. and Moeini, A. 2000. Study of the pollen storage technique on citrus pollen viability. The Second Horticultural Sciences Congress of Iran, 19-21 Sep., 2000, p. 7-8, Karaj, Iran

Papers presented in international scientific congresses

- Ahmadi, N., Mibus H., Serek M. (2012). Physiological and Molecular Evaluation of Ethylene-Dependent Abscission of Leaf and Floral Bud in Miniature Roses, *Rosa hybrid L.* 24th International Eucarpia Symposium – Section Ornamentals, September 2-5, 2012. Warsaw, Poland
- Moradi,S., Arab,M., Ahmadi, N., Roozban, M.R. (2012).Effect of polyamines on postharvest longevity of cut carnations (*Dianthus caryophyllus L.*), 'Pax' and 'Tabor'. 7th International Postharvest Symposium, 25th to 29th June, 2012, Kuala Lumpur, Malaysia
- Hamed Chaman, S., Arab,M., Ahmadi, N., Roozban, M.R. (2012).Postharvest longevity and quality of cut carnations, 'Pax' and 'Tabor', as affected by silver nanoparticles. 7th International Postharvest Symposium, 25th to 29th June, 2012, Kuala Lumpur, Malaysia
- Ahmadi,N and Banakar, A. 2011. Greenhouse energy consumption and strategies for increasing energy efficiency. ETEC International Conference, Amirkabir University, 20th and 21st of November 2011.
- Ahmadi, N. 2011. A REVIEW ON THE PRODUCTION OF CUT FLOWERS AND ORNAMENTAL PLANTS IN IRAN. 1st National Agriculture Congress and Exposition on behalf of Ali Numan Kırac with International Participation, 27- 30 April 2011, p. 2589- 2592. Eskişehir, Turkey.
- Ahmadi, N. 2011. Rooting and growth of cuttings from ethylene-low or ethylene-high sensitive miniature rose genotypes. International Symposium on "Advanced technologies and management towards sustainable greenhouse ecosystems-GreenSys2011", 5- 10 June 2011, Halkidiki peninsula, Greece.
- Ahmadi, N., Mibus H., Serek M. 2008. Identification of ethylene induced genes in abscission zone of *Rosa hybrida L.* by use of differential display. In: Proc. IXth Int'l Symp. on Postharvest Quality of Ornamental Plants, Odense, Denmark, 11-14 Aug., 2008
- Ahmadi, N., Mibus H., Serek M. 2008. Evaluation of exogenous ethylene-induced organs abscission in miniature rose (*Rosa hybrid L.*). GPZ-AG 18 (Zierpflanzen) in Gartenbauzentrum der Landwirtschaftskammer, Hamburg, Germany, 02.-03.09.2008
- Ahmadi, N., Mibus H., Serek M. 2008. Isolation of ethylene induced genes in *Rosa hybrida L.* by use of differential display- PCR. *The First Biology Conference for Iranian Scholars*, Hamburg, Germany, December 6-7 2008

Entries in GenBank (NCBI, www.ncbi.nlm.nih.gov): The entries contain details of submitted DNA sequences. The entries below are listed in the format: authors, year of publication in GB, accession No, [sequence-length] Title in GB.

Ahmadi N., H. Mibus, M. Serek, 2008. EU599189 [629 bp] *Rosa hybrid* cultivar putative kelch repeat-containing F-box family protein mRNA, partial cds

Ahmadi N., H. Mibus, M. Serek, 2008. EU603405 [437 bp] *Rosa hybrid* cultivar putative homeobox

transcription factor mRNA, partial cds

Ahmadi N., H. Mibus, M. Serek, 2008. EU603403 [2005 bp] Rosa hybrid cultivar putative laccase mRNA, complete cds

Ahmadi N., H. Mibus, M. Serek, 2008. EU938134 [707 bp] Rosa hybrid cultivar Lavender UDP-galactose/glucose pyrophosphorylase mRNA, partial cds

Ahmadi N., H. Mibus, M. Serek, 2008. EU603406 [1063 bp] Rosa hybrid cultivar trehalose-6-phosphate synthase/phosphatase-like mRNA, partial sequence