

CURRICULUM VITAE



A. Personal Details		
Full Name: Najmeh Pakdaman	Gender: Female	Title: Dr.
Citizenship: Iranian	Date of Birth: 20/09/1984	Place of Birth: Rafsanjan, Kerman
Current Address: P.O.Box: 77175-435, Pistachio Research Center, Horticultural Sciences Research Institute, Agricultural Research, Education and Extension Organization (AREEO), Rafsanjan, Iran Tel: 034-34225205 Fax: 034-34225208	Department: Post Harvest Physiology and Technology	E-mail: pakdaman@pri.ir najmeh.pakdaman@gmail.com Researcherid: S-4713-2016

B. Academic Qualification			
Certificate / qualification obtained	Name of School / Institution	Year obtained	Area of Specialization
MSc.	Ferdowsi University of Mashhad/ Faculty of Science	2006	Plant Biology
B.Sc	University of Isfahan/Faculty of Science	2009	Plant Physiology
P.h.D	University of Isfahan/Faculty of Science	2014	Plant Physiology

C. Scientific experience and Specialization				
Organization	Position	Start Date	End Date	Expertise
University of Isfahan	MSc. Student	2006	2009	Pistachio cultivation in hydroponic system, heavy metals
University of Isfahan	PhD. Student	2009	2014	Symbiosis of Plant with beneficial bacterium
Albert-Ludwigs-Univerität Freiburg	Visiting PhD Student	2012-01	2012-06	Cell culture, SDS page gel electrophoresis, western blot, confocal microscopy
Philipps-Universität Marburg	Visiting PhD Student	2012-06	2012-12	Symbiosis, real time PCR, molecular and microbial biology

D. Employment				
Employer	Designation	Department	Start Date	Date Ended
Payam Noor University of Rafsanjan	Lecturer	Biology	2013	2014
Pistachio Research Center	Assistant Professor	Post Harvest Physiology and Technology	2016	Till Now

E. List of publications	
Article	<ol style="list-style-type: none"> 1. Pakdaman, N. and Ghaderian, S.M. 2008. Evaluation of nickel and other elements in <i>Pistacia khinjuk</i> stocks grown in serpentine soils. <i>Research Week</i>, University of Isfahan, Isfahan. (In Persian). 2. Pakdaman, N. and Ghaderian, S.M. 2008. Study the effect of different concentrations of nickel on the growth of <i>Pistacia vera</i>. 1st National Conference on Plant Biology, Talesh. (In Persian). 3. Pakdaman, N. and Ghaderian S.M. 2009. The effect of different nickel concentrations on the growth of <i>Pistacia atlantica</i> and non-sepentin <i>P. vera</i>. 1st National Conference of Plant Physiology. Isfahan. (In Persian). 4. Ghaderian, S.M., Pakdaman, N. 2014. The effect of different concentrations of nickel in the medium on the biomass production, nickel accumulation and the activity of anti-oxidative enzymes in some <i>Pistacia</i> species. <i>Journal of Plant Process and Function</i>. 3(8): 1-12. (In Persian). 5. Afrousheh, M. and Pakdaman, N. 2017. Phytoremediation of salt using hyper-accumulaator plants in salinity soils. 1st National Conference on Salivation. Yazd. (In Persian). 6. Najmeh Pakdaman and Marieh Nadi. 2018. Comparison of yield of <i>Pistacia</i> species in response to different concentrations of nickel. 2nd National Conference on Pistachio. Rafsanjan. (In Persian). 7. Najmeh Pakdaman, Marieh Nadi, Amanollah Javanshah. 2020. Pistachio symbiosis with mycorrhizal fungi in saline soils. 2nd International Confrence on Haloculture. Yazd. (In Persian). 8. Najmeh Pakdaman, Marieh Nadi, Amanolah Javanshah, Maryam Afrooshe and Hojat Hasheminasab. 2019. Effect of humic acid on iron uptake and growth of pistachio seedlings under hydroponic conditions. 17th National Conference on Modern Research in Science and Technology, Kerman. (In Persian). 9. Pakdaman, N., Ghaderian, S.M., Ghasemi, R. and Asemaneh, T. 2013. Effects of calcium/magnesium quotients and nickel in the growth medium on growth and nickel accumulation in <i>Pistacia atlantica</i>. <i>Journal of Plant Nutrition</i>. 36(11): 1708-1718.

	<ol style="list-style-type: none"> 10. Pakdaman, N., Mostajeran, A. and Hojati, Z. 2014. Phosphate concentration alters the effective bacterial quorum in the symbiosis of <i>Medicago truncatula</i>-<i>Sinorhizobium meliloti</i>. <i>Symbiosis</i>. 62: 151-155. 11. Pakdaman, N. and Mostajeran, A. 2015. The effect of phosphate deficiency on quorum sensing signaling pathway of <i>Sinorhizobium meliloti</i>. <i>Biological Journal of Microorganisms</i>. 3(12): 33-42. 12. Pakdaman, N. and Mostajeran, A. 2018. Phosphate limitation alters <i>Medicago</i>-<i>Sinorhizobium</i> signaling: flavonoid synthesis and AHL. <i>Russian Journal of Plant Physiology</i>. 65(2): 251-259. 13. Pakdaman N, Javanshah A, Nadi M. 2018. The effect of humic and fulvic acids as bio-fertilizers on the growth of <i>Pistacia vera</i> seedlings under alkaline conditions. <i>Pistachio and Health Journal</i>. 1(4): 13-20. 14. Javanshah, Amanolah; Alipour, Hamid; Pakdaman, Najmeh and Nadi, Marieh. 2018. Interaction effect of sodium benzoate, potassium nitrate, soybean oil and volk oil application on elimination of chilling requirement of pistachio trees. <i>Pistachio Science and Technology</i>. 3(5): 57-73. 15. Pakdaman, Najmeh; Javanshah, Amanolah and Nadi, Marieh. 2019. The Effects of some Inorganic, Synthetic and Organic-Fertilizers on the Vegetative Growth and Iron Content in Pistachio cv. Ghazvini under Alkaline conditions. <i>Journal of Nuts</i>. 10(2): 127-137. 16. Nadi, Marieh; Pakdaman, Najmeh and Javanshah, Amanollah. 2019. Effect of Calcium and 6-benzylaminopurine on the Growth of Pistachio Seedlings in Hydroponic Culture. <i>Pistachio and Health Journal</i>. 2(1): 22-28. 17. Pakdaman, Najmeh; Nadi, Marieh and Javanshah, Amanollah. 2019. The impact of symbiosis with beneficial microbes in soil on <i>Pistacia vera</i>. <i>Pistachio and Health Journal</i>. 2(1): 29-39. 18. Nadi, Marieh; Moradi, Mohammad; Sedaghati, Ebrahim; Pakdaman, Najmeh; Javanshah, Amanolah and Farajpour, Abbas. 2020. The effect of several chemical compounds on the concentration of compost elements of pistachio soft hull. <i>Pistachio Science and Technology</i>. 5(9): In Press.
<p>Technical Magazine</p>	<ol style="list-style-type: none"> 1. Pakdaman, Najmeh. 2016. A review on postharvest physiology of pistachio. 2. Nadi, Marieh and Pakdaman, Najmeh. 2018. Organic matter and its role in sustainable agriculture. 3. Javanshah, Amanollah; Arab, Hasan; Pakdaman, Najmeh; Rastegari, Parviz and Nadi, Marieh. 2020. Rejuvenation and top-working of old pistachio trees.
<p>Technical Instructions</p>	<ol style="list-style-type: none"> 1. Pakdaman, Najmeh; Shakerardekani, Ahmad; Saberi, Najmeh; Taheri, Azam and Taleghani, Fatemeh. The effect of freezing and alginate-coating on the shelf life of fresh <i>Pistacia vera</i>.

G. Completed Research Project	
	Project Title
1	The effect of freezing on the shelf life increasing of fresh pistachio cv. Akbari
2	Use of pistachio hull wastes to produce an organic medium

H. Honors and Awards				
Row	Title	Award Authority	Award Type	Year
1	Excellent student	Ferdowsi University of Mashhad	Tablet of honor	2006
2	First Rank of Pistachio Startup	Vali-e-Asr University	Cash prize	2018

I. Workshops and Training Courses				
Row	Title	Date	Place	Country
1	Understanding Entrepreneurship	2017	Vali-e-Asr University	Iran
2	Selected from Greenhouse Engineering and Engineering	2017	Horticultural Sciences Research Institute,	Iran
3	Agricultural Machinery Management and Engineering	2017	Horticultural Sciences Research Institute	Iran
4	Scientometrics system	2017	Pistachio Research Center	Iran
5	Understanding the Theoretical Foundations of Applied Statistics and Experimental Designs in Agricultural Sciences and Their Impact Using Statistical Software SAS, EXCELL, SPSS	2017	Pistachio Research Center	Iran
6	Reducing agricultural waste is a key strategy in promoting food security	2017	Horticultural Sciences Research Institute	Iran
7	Agricultural Water Resources Management	2017	Horticultural Sciences Research Institute	Iran
8	Iran Irrigation and Drainage Networks	2017	Horticultural Sciences Research Institute	Iran
9	Empowering new faculty members	2017	Horticultural Sciences Research Institute	Iran
10	Transfer of promotional findings	2017	Horticultural Sciences Research Institute	Iran

11	Pistachio Start Up Weekend	2018	Vali-e-Asr University	Iran
12	Introducing the armillaria rot diseases of pistachio roots	2018	Horticultural Sciences Research Institute	Iran
13	Recognizing and improving soil in pistachio growing area	2018	Horticultural Sciences Research Institute	Iran
14	Fundamentals of Scientometric and perspectives of science production	2018	Horticultural Sciences Research Institute	Iran
15	Principles of water, soil and leaf sampling in pistachio orchards	2018	Horticultural Sciences Research Institute	Iran
16	Environmental tensions in pistachio orchards (frost, drought and salinity) and ways to deal with them	2019	Horticultural Sciences Research Institute	Iran
17	The system of preliminary geographic information	2020	Horticultural Sciences Research Institute	Iran