



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE : 4617

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia dell'Università degli Studi di Milano**

Scientist- in – charge: **Prof. Salvatore Roberto Pilu**

Fatemeh Mohammadi Ghanateghestani

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Mohammadi Ghanateghestani
Name	Fatemeh
Date of birth	[10, 06, 1986]

PRESENT OCCUPATION

Appointment	Structure

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization			
PhD	Plant breeding	University of Tehran	2019
Master	Plant breeding	Shahid bahonar university of a kerman	2012
Degree of medical specialization			
Degree of European specialization			
Other	Visiting scholar (six months) , Advisor: Prof. Giuseppe Perretti	in Department of Agricultural, Food and Environmental Science University of Perugia, Italy	2017



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
English	intermediate

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
	Thirteenth students at the Agricultural Student Olympiad in Iran

TRAINING OR RESEARCH ACTIVITY

description of activity
My experiences in molecular genetics and quantitative genetic return to my projects in masters and PhD. I studied QTL mapping of traits attributed to drought tolerance in bread wheat in Master's degree. After my Master's degree, I pursued a PhD degree in plant genetic at Tehran University. I investigated gene expression level and accumulation of carbohydrates in chicory over ontogenesis. I am currently participating in RNA- seq project.

PROJECT ACTIVITY

Year	Project
2012	the Molecular breeding of bread wheat by studying genetic diversity in bread wheat genotypes
2012	optimization of Safflower genetic mapping for molecular studies

PATENTS

Patent



CONGRESSES AND SEMINARS

Date	Title	Place
2012	• Mohammadi, F. , SHahsavand, H., Hashemi, F and GHavami M. Evaluation of a new cereal genotypes, Tritipyrum and bread wheat varieties in Salinity and Drought Stress.	Irrigation and Reduce Evaporation Bahonar University of Kerman Conference.
2013	• Mohammadi, F. , Mohammadi-nejad, GH and Nakhoda, B. Identification of drought stress tolerant lines in bread wheat.	The First International and the 13th National Agronomy & Plant. Breeding Congress, The 3rd Iran Seed Scienceand Technology Conference
2013	• Mohammadi, F. , Mohammadi-nejad, GH and Nakhoda, B (2013). QTL mapping of traits attributed to drought stress .	The First International and the 13th National Agronomy & Plant. Breeding Congress, The 3rd Iran Seed Scienceand Technology Conference.
2012	• Tohidi, B., Mohammadi-nejad, GH , Mohammadi, F and Nakhoda, B. Genetic diversity of recombinant inbred lines of wheat.	the 17th National & 5th International Iranian biology Conference.
2012	• Tohidi, B., Mohammadi-nejad, GH., Golkar, P., Mohammadi, F. , Mirzahashemi M and Nakhai, M . Genetic study of seed yield in Safflower.	the 17th National & 5th International Iranian biology Conference.
2012	• Hasani, H., ., ., ., Mohammadi, F. Production and identification of new new cereal Tritipyrum lines USING genomic in situ hybridization (GISH) and AFLP markers .	the 17th National & 5th International Iranian biology Conference
2010	• SHahsavand, H., Hashemi, F ., GHavami M , Mohammadi, F. , SHarifi G., Morshedi, Azar and Poorfereydooni Z .The evaluation of primary tritipyrum lines and bread wheat under salinity by priming methods for	The First International Conference on Plant, Water, soil and Weather Modeling.



	providing new cultivate modeling of new salt tolerant crop in Kerman province.	
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PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
• Mohammadi, F. , Mansouri, M., (2020). comparative analysis of the transcriptomes of the Mexican and Persian lime in response to 'candidatus phytoplasma aurantifolia' infection. ongoing
• Mansouri, M., Mohammadi, F. A functional genomic study to identify key genes involved in terpenoid and rosmarinic acid biosynthesis in lemon balm (<i>Melissa officinalis</i>). Gene, submitted.
• <input type="checkbox"/> Mohammadi, F. , Naghavi, M. R., Peighambari, S. A., & Dehaghi, N. (2020). Annual and biennial species of the genus <i>Chicory</i> spp. exhibit oscillations in both gene expression level and accumulation of fructans alongside other water soluble carbohydrates over ontogenesis, Photochemistry, revised.
• <input type="checkbox"/> Khaldari, I., Naghavi, M. R., Peighambari, S. A., Nasiri, J., & Mohammadi, F. (2018). Expression patterns of the genes encoding fructan active enzymes (FAZYs) alongside fructan constituent profiles in chicory (<i>Cichorium intybus</i> L.): effects of tissue and genotype variations. <i>Journal of Plant Biochemistry and Biotechnology</i> , 27(4), 453-462.
• <input type="checkbox"/> Mohammadi, F. , Naghavi, M. R., Peighambari, S. A., & Dehaghi, N. (2019). Study of inulin content and expression of the genes involved in inulin biosynthesis between root and cell suspension culture of Chicory (<i>Cichorium intybus</i> L.). <i>Iranian Journal of Field Crop Science</i> . Accepted.
• <input type="checkbox"/> Mohammadi, F. , Mohammadi-nejad, GH and Nakhoda, B(2016) Identification of drought stress tolerant lines in bread wheat. <i>Environmental Stresses in Crop Sciences</i> . 8(2):249-258 DOI 10.22077/escs.2016.235.

Congress proceedings
[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]



OTHER INFORMATION

Workshop:

RNA Extraction and cDNA Synthesis

in theoretical and practical workshop of bioinformatics

Real time PCR

Other skills

Gene expression

Real Time PCR

Primer design

SSR marker

DNA Extraction

RNA Extraction

PCR

Phylogeny

Metabolite extraction

HPLC

Protein extraction

Tissue Culture

Cell suspension culture

Work in greenhouse and farm

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Kerman, Iran_, 30/06/2020

SIGNATURE