

Curriculum Vitae



Moozhan Serpoush

PERSONAL INFORMATION

NAME: Moozhan Serpoush

CURRENT ADDRESS: 11 Mahsati Ganjavi Rd, Baku AZ1096, Azerbaijan.

EMAIL: moozhan.serpoush@khazar.org

Education

Feb/2018-present PhD student in Biology

Department of Biological Sciences - Khazar University

Thesis title: studying genetic diversity in Azerbaijan wild and cultivated barley accession by GBS

Sept/2013- Sept/2015 Master of Science (Plant Breeding)

Faculty of Agriculture- Plant Breeding (Science and Research Branch of Islamic Azad University/ Tehran/ Iran)

Thesis title: Study of Genetic Variability of Pathogenicity of Wheat Stripe Rust Disease and Resistance Lines to Disease in 2014-2015

Sept/2009-Sept/2013 Bachelor of Science (Plant Protection)

Faculty of Agriculture- (Science and Research Branch of Islamic Azad University/ Tehran/ Iran)

THESIS TOPIC

Genetic structure of Azerbaijan wild and Cultivated Barley Accessions and Association Mapping of Some Important Traits Using Genotyping by Sequencing (GBS analyses)

PUBLICATIONS AND CONFERENCES

1. **Moozhan Serpoush**, *et al.* (2018) Inheritance of Resistance to Stripe Rust (*Puccinia Striiformis* f.sp. *Triticum*) Race 198E154A+ In Wheat cv. Morvarid. Acta Scientific Agriculture Volume 2 Issue 7 July 2018 (ISSN: 2581-365X).
2. Javid Ojaghi, **Moozhan Serpoush**, Samira Salayeva. Molecular Structure and Phylogenetic Relationships of Azerbaijan Local Barley Accessions. 2018 1st International Conference on “One Health: Problems and Solutions” oral presentation.
3. **Moozhan Serpoush**, Farzad Afshari, Manoochehr Khodarahmi. Race Analysis Of *Puccinia Striiformis* F.Sp. *Triticum*, Serious Disease Of Wheat In Iran. 1st International Conference on “One Health: Problems and Solutions” poster presentation.
4. Javid Ojaghi, **Moozhan Serpoush**, Samira Salayeva Comparative Molecular Markers for studying Genetic Diversity in Azerbaijan Barley Genotypes. *The International Congress of Eurasian Natural Nutrition and Healthy Life'2018*, oral presentation.
5. **Moozhan Serpoush**, Farzad Afshari, Manoochehr Khodarahmi. Study of Resistance Component on Wheat Promising Line in Seedling Stage to Yellow Rust Disease Caused by *Puccinia striiformis* f.sp. *tritici*. *The International Congress of Eurasian Natural Nutrition and Healthy Life'2018*, poster presentation
6. **Moozhan Serpoush**, Golbarg Shabani, Javid Ojaghi, Samira Salayeva. Genetic structure of seed storage protein patterns in barley accessions. 3rd International and 15th Iranian Nutrition congress “Sustainable Nutrition for an Active Happy Life” December 19-21, 2018, Tehran, Iran (waiting for submission decision)

SKILLS

- Familiar with greenhouse experiments and plant breeding lab, PCR and molecular markers (RAPD, SSR and ISSR)
- Practical user of statistical software such as SPSS, SAS, NTSYS.
- Cell and Tissue culture

ADDITIONAL TRAINING

Participant in Next Generation Sequencing RNA-Seq data analysis workshop

Languages

- Persian: Native
- English: Fluent
- German: Basic
- Turkish: Basic

REFEREES

Associate professor JAVID OJAGHI, Department of Biology, Khazar University, Baku, Azerbaijan

Phone: +994503455674

Email: (javid.ojaghi@khazar.org & javid_804@yahoo.com).

Full professor Farzad Afshari

Seed and Plant Improvement Institute (SPII), Plant Pathology, Karaj, Iran

Ph: +982636701105 Fax: +982636702698

Assistant Professor Alireza Golnaraghi, Department of Plant Protection College of Agric. & Natural Resour. Science and Research Branch Islamic Azad University (IAU) Tehran, Iran

Email: agolnaraghi@yahoo.com

