

Roya Nikbakht Kashkooli

Biotechnologist

Birth Date: 28.02.1985

Marital status: Single

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About

A Biotechnologist who completed her thesis at Shiraz University. Working as a *tissue culture TA* in mentioned university. Lab experienced with extensive knowledge of the tools and procedures used in this industry. Familiar with bioinformatics methods.

Educations

- **Master of Biotechnology, Agricultural Biotechnology**
University: Shiraz University (state university)
2011-2013
Master thesis: Expression analysis of Wcor14 and some biochemical parameters in Wheat and Aegilops under salt stress
Supervisor: Prof. Ali Niazi
GPA: 17.50/20.0 via 29 credits
- **Bachelor of Agricultural Engineer, Agriculture and Plant Breeding**
University: Ilam University (state university)
2003-2007
GPA: 16.25/20.0 via 136 credits

Work Experiences

- **Working in biotechnology lab and TA of Tissue culture**
Shiraz University
2015-2020
- **Agricultural Engineer- Inspection**
Rouyan Samar clinic (Plant pathology clinic related to agriculture office)
2013-2015
Private tutor of Biology, Genetic, English, Biochemistry
(During late 3 years)
- **Experimental medical assistant**
Pegah Radiology and sonography clinic (2020-2022) and Bu Ali Medical Clinic (Part time, 2017-2019)

Honours and scholarships

Ranked 2nd among 12 Agricultural biotechnology graduate students based on GPA in the Department of Biotechnology, Shiraz University (2013).

Ranked 3rd among 35 Agriculture and Plant Breeding undergraduate students based on GPA in the Department of Agriculture, Ilam University (2007).

Ministry of Science, Research and Technology scholarship for Exceptional Talents for MSc degree at Shiraz University, academic year of 2011.

Ministry of Science, Research and Technology scholarship for Exceptional Talents for BSc degree at Ilam University, academic year of 2003.

Rank 1st in university MSc Entrance Exam at Biotechnology, 2011

Graduated with honorable degree due to GPA ranking (17.50/20)

Professional experience

- Molecular: DNA, RNA extraction, Cloning, CTAB, RT-PCR, cDNA synthesis, Electrophoresis, Bioinformatics analysis.
- Measurement Biochemical parameters in stress condition: Extraction of total protein, Prolin, etc. Enzyme activity such as SOD, etc.

Skills

- Tissue Culture
- RNA extraction
- DNA extraction
- Gel electrophoresis
- Training English course as a foreign language
- Team working
- Advanced speaking English
- Microsoft package (word, PowerPoint, Excel, photoshop)
- Intermediate speaking German
- semi-quantitative PCR
- protein extraction
- Medical typing, physician assistant
- Motivational speaking
- Gene analysis (MINITAB, VectorNTI, FastPCR,)

Language

| Listening level | Speaking level | Writing level | Reading level | Title |
|-----------------|----------------|---------------|---------------|---------|
| ■ ■ ■ ■ ■ | ■ ■ ■ ■ ■ | ■ ■ ■ ■ ■ | ■ ■ ■ ■ ■ | Persian |
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Certificate

- **Microsoft package (word, PowerPoint, Excel workshop, photoshop)**
Shiraz University 2019
- **Bioinformatic workshop**
Shiraz University 2019
- **RT-PCR workshop**
Shiraz University 2019
- **Advanced Tissue culture workshop**
Shiraz University 2019
- **Certificate in German Language conversation (B2)**
Nasleno Language institute, Jan 2019-2020
- **TTC, Teacher Training Course**
Andisheh Bartar Language Institute, March 2018
- **Certificate in upper intermediate English course**
Safir Language institute, Sep 2017
- **Certificate in English Advanced conversation**
Bahar Language institute, Oct 2012

Project Info

- Expression analysis of Wcor14 and some biochemical parameters in Wheat and Aegilops under Stress condition.
- Seminar course: Antimicrobial peptides

Interests & hobbies

- Sport and swimming
- Reading scientific magazine
- Travelling and Driving
- Cycling