

Curriculum Vitae



First name: ROYA

Last name: ASL IRANI FAM

Father's name :AYOUB

Gender: Female

Marital status: Married

Date of birth: 1989

Contact

Addres: 5st Floor, No. 28, koohsar apartments, Roshdieh, Tabriz, Iran

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Education Qualification: Bachelor of Laboratory Sciences - Master of Molecular Genetics,

Islamic Azad University of Tabriz

Languages:

- **Azeri** (Native)
- **Persian** (Native)
- **Turkish** (Native)
- **Arabic** (Moderate)
- **English** (Moderate)

Work Experience:

1. Worked in the Medical Diagnostic Laboratory of Imam Reza Hospital, Tabriz (2012-2014).
2. Worked in the Medical Diagnostic Laboratory of Aali Nasab Hospital of Tabriz (2011-2012).
- 3-Cooperation in covid-19 kit design research project with Infectious and Tropical Diseases Research Center of Tabriz university of medical sciences (2020 - 2022).
- 4.Member of Zist Yakhte Darou Gostare Aras Company as the main inspector (2019 - Present)
- 5- Activities in the field of stem cell and cancer cell cultures (July 2017- Present).
- 6-Cooperation in Research Projects of Biotechnology Research Center in Islamic Azad University of Tabriz.

Scientific Achievements:

Master's Thesis topic: The effect of human umbilical cord Wharton jelly stem cells on the expression of Hume CXCR4 and VLA4 genes in prostate cancer cell line.

Publications:

- Drug reourposing for coronavirus (SARS-COV-2) based on gene co-expression network analysis.jornal of scientific reports,2021, Scientific reports.vol.11(1),pp: 1-15
- Assessment the effect of human umbilical cord whaton's jelly stem cells on the expression of homing genes;CXCR4 and VLA4 in cell line of prostate cancer, International Journal of Hematology-Oncology and Stem Cell Research. 2022. Volume 16, Number 3
- Assessment the Effect of Human Umbilical Cord Wharton's Jelly Stem Cells on the Expression of Homing Genes; CXCR4 and VLA-4 in Cell Line of Breast Cance . International Journal of Hematology-Oncology and Stem Cell Research. 2022. Volume 16, Number 2

Skill Highlights

- Skills in cell culture techniques (cultures of Stem cells, Cancer cells and 3D culture).
- Skills in all departments related to the medical diagnostic laboratory (blood sampling, hematology, immunology, biochemistry, blood bank, etc.)
- Skills in PCR / Real-time PCR / RFLP-PCR / Nested -PCR / ARMS-PCR / Multiplex-PCR techniques.
- Design of research kits.
- Design of Primer Types.

Other Skills and Specialties:

Computer:

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|---------------|---------------|
| • Word | • Oligo7 |
| • Excel | • Gene Runner |
| • Power point | • Primer 3 |
| • Photoshop | |