

[REDACTED]  
Cellular and Molecular Biology  
Department of Sciences, Faculty of Biology, Azad University of Zanjan, Iran

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## Education

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**Bachelor of Science in Cellular and Molecular Biology**, Sep 2007-Sep2011

Department of Sciences, Faculty of Biology, Azad University of Zanjan, Zanjan, Iran

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## Work and Research Experiences

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**Senior Laboratory Technologist**, Dec 2013-present

Plasma Medical Laboratory: the largest and most equipped research and diagnostic Medical Centre in northwest of Iran.

- Head of **Biochemistry** and **Hematology** departments, 2013-2016.
- Manager of **Hormone** and **Immunology** departments, 2016-present
- Accurate and effective performance with different types of **microscopes** such as **Stereo microscope, Inverted microscope** and **Fluorescence microscope**.
- Analysis full range of manual and automated test procedures in the areas of **Immunology, Hematology, Serology** and **Clinical Biochemistry**.
- Performance of routine preventive maintenance, control and calibration on laboratory instruments and equipment.
- Determination and resolving technical problems using appropriate troubleshooting techniques.
- Performing quality control (**QC**) on laboratory equipment, testing highly complex procedures on clinical specimens.

**Research Collaboration**, Dec 2016-present

Tabriz University of Medical Sciences, Tabriz, Iran

Engaged in numerous research collaborations with distinguished **immunologists, endocrinologists, and oncologists**, focusing on various types of **cancers**, including **Thyroid gland, Pancreas, Liver, Ovary, and Breast**. These collaborations have involved conducting comprehensive diagnostic and therapeutic analyses to advance understanding and treatment of these malignancies.

- Analysis full range of **Biomedical** techniques and **Immunoassay** methods such as **HPLC, Chromatography, Electrophoresis, PCR, Chemiluminescence (CL), Electro Chemiluminescence (ECL), Radioimmunoassay (RIA)** and **Enzyme Linked Immunosorbent Assay (ELISA)**.
- Conducting research, diagnostic and therapeutic tests such as **Tumor Markers, Immunoglobulins, Enzymes, Liver panels** and **Lipids**, and following up the treatment process of patients by drawing history curves with **Immunoassay, Biomedical** and **Turbidimetric** methods.

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## Teaching and Training Experiences

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### **Trained and supervised Medical Laboratory Graduates, 2014-present**

Provided training and supervision to medical laboratory students, instructing them in the operation and maintenance of laboratory equipment, the execution of manual tests, and the servicing of various laboratory instruments.

### **Instructing on the proper use and handling of laboratory equipment, 2014-present**

- Hematology: SIEMENS ADVIA2120 & 2120i, Sysmex and Hemolyzer5.
- Clinical Biochemistry: SIEMENS ADVIA1200 & 1800 and Hitachi911.
- Hormone and Immunology: SIEMENS ADVIA Centaur CP, Immulite2000, Liaison and ELISA.
- Teaching how to work with different types of microscopes (Fluorescence Microscope, Stereo Microscope, Inverted Microscope).

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## Other Skills

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- Good Laboratory Practice (GLP)
- Strong problem-solving and critical thinking skills and detail oriented.
- Strong collaborative and interpersonal skills.
- Good verbal and written communication skills.
- Experience with animal experiments.
- Strong work ethic and motivation skills.
- Performs data entry and record-keeping of results into Laboratory Information System (LIS).
- Ensures compliance with laboratory procedures, including maintaining the cleanliness of laboratory equipment, analyzers and work area.

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## Certificates and Honors

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- Top Trainee (01/2013-11/2013)  
Plasma Medical Lab, Tabriz, Iran
- ADVIA 1200 Training Course, Siemens Healthcare Diagnostics (05/2014)  
Partow Pardaz Aria Co. Tehran, Iran
- ADVIA 2120 Training Course, Siemens Healthcare Diagnostics (11/2014)  
Partow Pardaz Aria Co. Tehran, Iran
- ADVIA Centuar Training Course, Siemens Healthcare Diagnostic (12/2018)  
Nima Pak Teb Co. Tehran, Iran
- Immulite 2000 Training Course, Siemens Healthcare Diagnostics (11/2019)  
Nima Pak Teb Co. Tehran, Iran
- Hemolyzer5 Training Course, Analyticon Biotechnologies (04/2017)  
Partow Pardaz Aria Co. Tehran, Iran
- Certificate of attendance in the Workshop on Application and Maintenance of SIEMENS CLIA Systems (01/2024)  
Fannavari Azmayeshghahi Co. Tabriz, Iran

### **Languages**

- Farsi (Persian): Official
- Azeri: Native
- Turkish: Fluent
- English: C1

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## REFERENCES

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Available upon request