

Atoosa Eftekhar

Research Scientist

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 She/her/hers

About me

Driven Junior Research Scientist with a Bachelor of Science in Medical Laboratory Science. Experienced in both diagnostic and research lab settings, offering a strong foundation in laboratory practices and scientific research.

Professional Experience

Research Assistant, Tehran University of Medical Sciences Pediatric Cell and Gene Therapy Research Center, Research Institute of Gene, Cell & Tissue	03/2025 – Present Tehran, Iran
Medical Laboratory Scientist Intern, LOGHMAN HAKIM Hospital	01/2024 – 06/2024 Tehran, Iran
Medical Laboratory Scientist Intern, AYATOLLAH Taleghani Hospital	10/2023 – 02/2024 Tehran, Iran
3D Metal Printer Laboratory Technician, Amir Kabir University of Technology	06/2022 – 02/2023 Tehran, Iran
Chemical Laboratory Intern, Amir Kabir University of Technology	01/2021 – 06/2022 Tehran, Iran

Education

Bachelor of Science in Medical Laboratory Science, Shahid Beheshti University of Medical Sciences	09/2024 Tehran, Iran
High School Diploma, Experimental Science, SAMPAD (Farzanegan 1)	09/2019 Tehran, Iran

Key Skills

Laboratory Techniques

Phlebotomy, Staining (e.g., Gram, H&E), Microscopy, ELISA (Hormones, HIV), Cell Culture, Ex Vivo Cell Expansion, PCR, DNA & RNA extraction

GLP

Quality control, laboratory safety, and Cleanroom operating protocol

Advanced Therapies

HSCT, NK Cell Therapy(KIR), Mesenchymal Stem Cell (MSC) Processing, Graft-Versus-Host Disease (GvHD) Management,

Software & Tools

Laboratory Software, Microsoft Office Suite, SPSS, Bioinformatics.

Diagnostic Testing

Hematology (e.g., ESR, peripheral blood smear), Biochemistry, Immunology/Serology (e.g., PPD, WIDAL), Microbiology (e.g., culture media prep, antibiotic sensitivity testing), Blood Bank, Toxicology (GC, HPLC),

3D Metal Printing

Application, Maintenance, Troubleshooting, Software Operation.

Patient Care

Communication, Data Management, Patient Interaction.

Personal Skills

Time Management, Teamwork, Adaptability, Creativity, Networking, Communication.

Languages

English

Proficient

Farsi

Native

Achievements & Certifications

Graduated in the top 10% of class,

01/08/2024

Shahid Beheshti University of Medical Sciences, Tehran, Iran

Member of the National Organization for Development of Exceptional Talents (NODET/SAMPAD), Tehran, Iran

01/08/2024

Cell Culture Certification, Iran University of Medical Sciences, Tehran, Iran

01/01/2023

Research Fundamentals Certification, USERN, Tehran, Iran

01/08/2022

Volunteer Experience

International Congress on Quality Control and Medical Laboratories, Tehran,, Volenteer

05/2024

Tehran,Iran

International Congress on Quality Control and Medical Laboratories, Student Volunteer

05/2023

Tehran, Iran

USERN, Intern

09/2024 – 03/2025

Tehran, Iran