

AMINA MOUSELly

MEDICAL LABORATORY SCIENTIST | PHLEBOTOMIST

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SHARJAH, UAE

PROFESSIONAL SUMMARY

ASCPi MLS certified with strong foundation, holding a **B.Sc. in MLS** and **DHA** eligibility, trained across several laboratories in Sharjah and Dubai. I gained hands-on experience with laboratory techniques in Clinical Chemistry, Hematology, **Phlebotomy**, Microbiology, Immunology, Blood Banking and Histopathology. I am passionate about my field and always willing to learn and excel at my work to benefit patients and my community.

CERTIFICATION

SEP 2025	DHA eligibility (DHA ID: 93463795)
AUG 2025	International MLS, ASCP (certificate no. 27371)
FEB 2024	Phlebotomist, University of Sharjah (Syringe, Vacutainer system)

EXPERIENCE

JUN- JUL 2025	Trainee, Future Lab Operator program Siemens Healthineers, Fakeeh University Hospital Applied the principles of lab operation (QA, LEAN concepts) by designing an application by Microsoft Power Apps to ease the process of sample archiving in the laboratory and presented it to the lab director.
AUG-DEC 2024	Intern, Medical laboratory scientist University of Sharjah <i>American Hospital Dubai</i> At clinical chemistry section I assisted in running daily QC, calibration machine maintenance, chemistry tests including therapeutic drug monitoring and hormones using (Atellica solution CH, IM, Cobas 6800 Roche) , urinalysis (Roche Cobas 6500 u701, u601), sample storage and archiving(., Siemens Aptio Automation), Plasma Protein electrophoresis(Sebia flex piercing), familiarized with LIS and report releasing protocols. <i>University Hospital Sharjah</i> At the Microbiology department I performed routine microscopic stool analysis, urinalysis. Assisted in culturing aerobic and anaerobic bacteria in different specimens, susceptibility and Identification (Vitek 2 compact, Biomerieux bact/alert virtuo), Multiplex PCR(BioFire FilmArray, NeuMoDx96) , rapid IFA testing(SD biosensor F2400).

Fakeeh University Hospital

At **Histopathology** and **Cytology** sections, I assisted in sample logging, microtomy, processing and H & E staining, observed FNA slides preparation for cytology using Cytospin and Papanicolaou/ Quick Diff staining. Organized QC staining slides and samples for dissection.

Sharjah Blood Transfusion and Donation Center

Familiarized with **donor preparation and donation process**. In the laboratory I assisted in blood product preparation and storage, Blood irradiation, leukoreduction, donor testing (ABO ,DAT, IAT), NAT testing(., IH-1000 Bio-Rad, Cobas 6800 Roche) for HIV, HBV HCV and other tests to insure blood product safety and issuing process.

Al Qassimi Hospital

At **hematology** section I run blood samples for CBC, made blood smears and stained them with Wright's Giemsa Stain, performed solubility sickle tests, Westgren ESR, clotting factors tests(PT, PTT, fibrinogen and D-dimer tests), familiarized with bodily fluid analysis (Ascites, synovial and CSF) and got to know the basics of QC in hematology analyzers(Mindray BC-6200, Sysmex Cs-2500).

At the **blood banking** section, I assisted in running pretransfusion testing, receiving blood components, ABO grouping and solving discrepancies(Gel-card testing, Echo Lumena ImmunoCor) antibody panel interpretation and maintained records of packed blood stock

Sharjah Municipality and Women's and Children's Qassimi Hospital

At the **immunology** section, familiarized with infectious diseases testing and confirmation including (HIV, HCB,HBV, Rubella..), TPHA and RPR, performed phlebotomy on clients, handled TB suspected sputum sample and did Ziel-Neelsen acid fast stain, observed PCR confirmatory test for TB using GeneXpert by Cepheid machine.

JUL-AUG 2024

Intern, Medical laboratory scientist

Dubai Police Headquarters, Al Qouz

Hands-on experience in all laboratory sections including phlebotomy and sample collection, receiving, validation, storage and archiving. Trained on chemistry Alinity analyzers, Sysmex Xt-1800 and Beckman coulter 800 DxH for hematology CBC, Urinalysis DxU 810c iris.

EDUCATION

May 2025

Bachelor in Medical laboratory sciences, CGPA 4.0/4.0

University of Sharjah (UOS)

Graduation project title "Intermittent Fasting-Induced Modulation of LC3B-Mediated Autophagy and Cellular Longevity in HepG2 and Human Dermal Fibroblast Cultures: an in vitro analysis"

PARTICIPATIONS/PROJECTS

MAY 2025	12th Undergraduate Research & Innovation Competition (URIC) Presented our student senior project concisely to compete with other fellow students of different universities of the UAE.
FEB-APRIL 2025	Volunteer, Sharjah Social Services Department Along with UOS Center Of Excellence for Healthy Aging I Visited social centers in Sharjah to cheer-up and performed a health check-up on elderly people using POCT devices
APRIL 2024-MAR 2025	Member, Medical Lab Sciences Society, UOS Organizing and planning events for the MLS students in the University of Sharjah
FEB 2025	Delegate, Dubai Stem Cell Congress 2025 Participated in a specialized workshop on "Human pluripotent stem cells for personalized medicine"
JAN 2025	Attendee, 2nd Masterclass in Immunohematology, SSMC At Sheikh Shakhbout Medical City I gained hands-on experience with advanced immunohematological techniques, including Adsorption Elution and resolving blood group discrepancies.
MAY 2024	Presenter, Hematology Seminar on CAR-T Cell Therapy, UOS Highlighted the potential of CAR-T cell therapy and the explained the main concept, current clinical trails and future trends
MAY 2024	Organizer, Health sciences Graduate posters day 2024, UOS Helped in displaying our university graduate's posters, organizing attendees seats and provided help for participating graduates.
MAR 2023	2nd place , Arabic Calligraphy Competition, UOS Along with UOS Center Of Excellence for Healthy Aging I Visited social centers in Sharjah to cheer-up and performed a health check-up on elderly people using POCT devices
DEC 2021	Booth Patricipant, Walk Through a Healthy Life Event, UOS Provided environmental health information, organized interactive games, and assisted with booth setup.

LANGUAGES

Arabic- Native

English- Full Professional Proficiency

IELTS 7.5 (C1), Sep 2024

PUBLICATION

Book Chapter: "Foundations and Applications of Computational Genomics" 26th September 2024

Contributed to a chapter in the book *Deep Learning in Genetics and Genomics* (Elsevier), under the guidance of Dr. Ahmed A. Mohamed's and Dr. Gayathri Arumughan

<https://www.sciencedirect.com/science/article/pii/B9780443275746000072>