

# Hanan Abdullah

## Research Assistant

A research assistant with a progressive history of working in laboratory healthcare settings as a medical lab technologist who possesses an extensive hands-on experience with research laboratory techniques. I'm seeking a challenging research job where I can utilize my skills and further develop my abilities.



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📍 Sharjah, UAE

## WORK EXPERIENCE

### Research Assistant (80-100 hrs/month)

#### Sharjah Institute of Medical Research

09/2019 - Present

University of Sharjah Research Center

Sharjah, UAE

#### Achievements/ Personal Projects

- Published with a research group a literature review in the Journal of Immunology Research - Hindawi titled "Natural Killer Cell Dysfunction in Obese Patients with Breast Cancer: A Review of a Triad and Its Implications".
- Actively working on releasing the publication of "Expression of Macrophage Polarization Markers in Breast Cancer Molecular Subtypes" - with IHC, WB, and Cell culture results.
- Worked on a competitive research grant funded by BIOMSS in (2019-2020) in the "Role of Breast Cancer and Obesity".
- Completed my MSc. research thesis proposal on the "Expression Status of Macrophages Polarization Markers in Breast Cancer Molecular Subtypes and BMI groups".
- Practiced laboratory techniques on Immunohistochemistry, cell culture and Western Blotting Techniques as well as undergone training on biostatistical analysis.
- Bioinformatics training on NCBI (National Center for Biotechnology Information) and oriented myself with reading novel and recently published research papers.
- Actively presented and addressed novel research papers and publication results influenced by proto-oncogenes, oncogenes and tumor suppressor genes. Presented commonly used laboratory techniques in research works and recent drug discoveries.

link to literature review : <https://www.hindawi.com/journals/jir/2021/9972927>

### Medical Lab Technologist - 4 yrs

#### Nadd Al Hamar health center/ Dubai Health Authority

11/2015 - 09/2019

Dubai, UAE

#### Achievements/Tasks

- Conducted and analyzed a full range of automated and manual laboratory test procedures in areas of biochemistry, hematology, parasitology, urinalysis, and body fluid examination.
- Trained on and operated a wide range of analyzers to perform lab analysis using: Cobas c6000, Liaison XL, DXH500, Beckman coulter LH750, ARCHITECT.
- Collected blood samples through proper venipuncture technique, labelling and dispatching them for analysis and testing.
- Participated in JCIA and CAP inspections, and performing required Proficiency testing to meet the accreditation standards.
- Troubleshoot instrumentation errors to maintain quality results. Documented all maintenance and technical problems as per protocol. Evaluated and verified critical results, took corrective actions, recorded, and reported results in a timely manner after confirming its validity.
- Examination and staining peripheral blood smears, preparation, Interpretation and Reporting Blood cells morphology.
- Prepared chemical solutions, reagents and specimens for microscopic examination; consistently maintained lab inventory and order supplies as needed to keep lab adequately stocked. Maintains sufficient supplies at work station.
- Operated on Lab Information systems (such as Sunquest & NetTerm) and computer based interfaces.
- Possess fundamental Computer skills and used data analytic programs (MS Office, spreadsheet, microsoft access etc..) for data processing and maintaining records.

### Clinical Sciences

#### Al Qassimi Hospital/Khalifa Hospital - Training

2014 - 2015

Sharjah, UAE

#### Achievements/Tasks

- 1 year training in lab departments covering practicum work in Microbiology, Histology, Blood Banking, Hematology, and Immunology.
- Trained and learned biological techniques: ELISA, Manual Blood Count, PCR, Cross-matching, blood separation, histological techniques/ Staining Technique.
- Performed Gram Stain and microscopic examination of physiological, morphological, and cultural characteristics of bacteriae and parasites according to standard microbiological methods.

# ACADEMIC CHRONICLE

## MSc. Molecular Medicine and Translational Research

University of Sharjah

09/2019 - 06/2021

GPA:3.5

Thesis

- Expression Status of Macrophages Polarization Markers in Breast Cancer Molecular Subtypes and BMI groups - under the competitive research grant in the "Role of Obesity in Breast Cancer Progression."

## BSc. in Medical Lab Sciences

University of Sharjah

11/2011 - 06/2015

GPA: 3.1

Thesis

- Expression of HIF-1 $\alpha$  and VEGF-C correlated with vascular density and p53 stabilization in colorectal cancers" funded by Boehringer Ingelheim institute.

## Edexcel - A-levels & Cambridge O-levels

British Council, Riyadh - KSA

2010 - 2010

A\*

Courses

- A-levels: Biology, Core Mathematics, Chemistry.
- O-levels Cambridge IGCSE's - 6 subjects awarded with distinction (A\*).

# SKILLS

Clinical Research/ Calculations

Attentive and careful with procedural processes

Social perceptiveness and coordination

Critical thinking and brainstorming

Dealing with problems diplomatically

Delivering effective and engaging presentations related to research publications

# INTERESTS



Publishing projects and research work



Conducting scientific investigations and experiments



Learning new laboratory techniques



Reading recent publications to update myself



Cancer and neuroscientific researches

# LICENSE

Medical Laboratory Technologist (and eligibility)  
(11/2015 - 09/2019)

Dubai Health Authority