



## CAREER OBJECTIVE

To make solid contribution towards the organization I work in by using my qualifications and knowledge. And learning from a reputable organization to ensure the quality of service will be given all the time. I strive to develop myself and grow with the organization.

# Khulood Shafiq Altaani

## Personal Information:

**Address:** Amman-Jordan  
**Date of Birth:** 17th, FEP, 1981  
**Nationality:** Jordanian

## Contact Details:

**Phone:**  
00962772471025  
00971555863416

**E-Mail:**  
khlwdaltany@gmail.com

## Skill Highlights

- MICROSOFT OFFICE SKILLS
- Good in Arabic and English
- Time Management
- Team work
- Organize
- Problem Solving
- Interpersonal Communication
- Decision Making

## Languages

Arabic – Mother Tong  
English – Very Good

## Experience

June - 2017 to Present

**MEDICAL LABORATORY/ GENETICS TECHNOLOGIST**

**At: JORDAN MINISTRY OF HEALTH, CENTRAL LABORATORIES  
DIRECTORATE**

- Next Generation Sequencing (NGS) Lab.
- Molecular Biology and Genetics Unit  
Polymerase Chain Reaction Department (PCR)
- Third Level Laboratory (BSL-3)
- National Influenza Centers- WHO (NICs)

## Education

2001-2005

**Bachelor in Biotechnology and Genetic Engineering -  
JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY**

## CERTIFICATES AND COURSES

**LICENSED GENETIC ENGINEERING SPECIALIST- HEALTH AUTHORITY- ABU  
DHABI (HAAD) SINCE AUGUST 2020.**

**Ministry of Health And USAID Local Health System Sustainability (LHSS) Ion  
Torrent Next Generation Sequencing Of SARS-COV-2 Bioinformatics And  
Practice  
May19,2022**

**Technical Training and Coordination Workshop for Rapid Pathogen Detection  
and Analysis – Jordan Laboratory Network Development  
November 13<sup>th</sup>-16<sup>th</sup>,2022 Amman,Jordan  
Los Almos NATIONAL LABORATORY**

# LABORATORY SKILLS

- **NEXT GENERATION SEQUENCING AND BIOINFORMATICS ANALYSIS**
  - Whole Exome Sequencing (Genetic Mutations Detected by NGS ).
  - DNA library preparation , sequencing and data analysis.
  - Next Generation Sequencing of SARS-COV-2 genomes. Reveals the Progression of COVID-19 and identification of variants (mutations) of SARS-COV-2.
  - Using The Illumina MiSeq NGS Platform.
  - Using Ion Torrent platform.
- **WHO influenza Surveillance SARI (severe acute respiratory infections), ILI (influenza-like illness), AFI (acute febrile illness).**
- **MOLECULAR BIOLOGY TECHNIQUES:**
  - DNA Extraction, RNA Extraction, Master Mix, PCR, Multiplex PCR, Real-Time PCR.
  - Qualitative and quantitative PCR Assays for detection of pathogenic human viruses: as hepatitis C virus (HCV), hepatitis B virus (HBV), (HIV) virus, Influenza Viruses, MERS-COV, Multiplex PCR for detection of respiratory infection.
- **Agarose Gel Electrophoresis**
- **Genotyping Assays; StripAssay Procedures**
  - Human diagnostic assays for genotyping mutations and polymorphisms based on PCR as Alpha-Globin, Beta-Globin, FMF, Cystic Fibrosis, Cardiovascular Diseases.
- **Biosafety Officer in the Laboratory**
  - Participates in programs to promote safety practices, procedures, proper use of containment equipment and facilities, stimulates responsible activities among workers
  - Third level Laboratory (Bsl-3) Safety Procedures, working with pathogens that can cause serious and lethal disease (High risk pathogens, as Anthrax, Ebola virus, Mers-Cov...)
  - Knowledge of laboratory safety and infection control procedures and practices and hazardous chemical handling.

**WORLD HEALTH ORGANIZATION: REGIONAL BIOSAFETY TRAINING COURSE FOR THE CONTAINMENT OF INFLUENZA AND OTHER INFECTIOUS DISEASES OF INTERNATIONAL CONCERN IN EASTERN MEDITERRANEAN REGION**  
Casablanca, Morocco

**PUBLIC HEALTH ENGLAND  
JOINT EXERCISE: RMS MOBILE BIOLOGICAL LABORATORY DEPLOYMENT AND MOH BSL3 LABORATORY**

**PRINCESS HAYA BIOTECHNOLOGY CENTER  
FOUNDATIONAL BIORISK MANAGEMENT WORKSHOP**

**VIENNA LAB STRIPASSAYS USER TRAINING**  
HVD-Life Sciences/ VIENNA LAB

**CLASSROOM TRAINING IN RESEARCH ETHICS AND HUMAN SUBJECT PROTECTION**  
**INSTITUTION: US NAMRU-3**

**INFECTIOUS DISEASE**  
Abbott Molecular- Amman, Jordan

**QIASYMPHONY SP/AS**  
**NEXT GENERATION COMPANY FOR GENETICS AND CONSULTANCIES**

**DEPARTMENT OF LABORATORY, CYTOGENETICS TRAINING COURSE**  
King Hussein Cancer Center, Amman, Jordan

**Terra.bio (GUI) & Command Line (CLI) Bioinformation for SARS-CoV-2**  
**March, 2023**