



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: Abu Dhabi
Date of Birth: 17th, FEP, 1981
Nationality: Jordanian

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Skill Highlights

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

Languages

Arabic – Mother Tongue
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 13th-16th,2022 Amman,Jordan
Los Aalmos 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.

Next Generation Sequencing and Bioinformatics Training Los Alamos National Laboratory / September 24 – 28 , 2023

**Terra.bio (GUI) & Command Line (CLI) Bioinformatics for SARS-CoV-2 In – Person Training, CPHL Amman, Jordan
February 26th –March 3rd ,2023 / March 12th – March 16th , 2023**

**Next Generation Sequencing & Bioinformatics Workshop Advanced Bioinformatics Session
Los Alamos National Laboratory / July 31- August 2 , 2023**

**Advanced Bioinformatics Workshop Phylogenetics
Los Alamos National Laboratory / Jan 22 –Jan 24 , 2024**

BASIC QUALITY CONTROL – CALCULATION –LEVEY-GENNINGCHART Training 24 – October -2023

QUALITY CONTROL CORE PRINCIPLE /Training 6-November-2023

**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 /April 16 – April 20 ,2018**

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

**PRINCESS HAYA BIOTECHNOLOGY CENTER
FOUNDATIONAL BIORISK MANAGEMENT WORKSHOP/23-27sep,2018**

**VIENNA LAB STRIPASSAYS USER TRAINING
HVD-Life Sciences/ VIENNA LAB - March ,2018**

**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
13 – 17 January , 2019**

**DEPARTMENT OF LABORATORY, CYTOGENETICS TRAINING COURSE
King Hussein Cancer Center, Amman, Jordan - 2015**