



OMNIA MOHAMMED IBRAHEM AHMED KHALEEL

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PERSONAL DATA | Date of Birth: 22nd of March 1990

Place of birth: Alexandria, Egypt.

Nationality: Egyptian

Social status: Single

Religion: Muslim

EDUCATION | FACULTY OF MEDICINE, ALEXANDRIA UNIVERSITY
MBBCh, EXCELLENT DEGREE WITH GRADE OF HONOR

CURRENT EMPLOYMENT | Demonstrator at Department of Microbiology, Medical Research Institute, Alexandria University.

PAST EMPLOYMENT | General Practitioner at Ministry of Health and Population
from May 2015 to November 2015.

House Officer in Alexandria Main University Hospital (AMUH), March 2014 – March 2015.

EXPERIENCE | Member of the Medical Research Ethics Committee in Medical Research Institute.

Member of the Infection control committee in Medical Research Institute.

Member of Quality Assurance Unit in Medical Research Institute.

VOLUNTEER WORK | Data collector for the WHO poliovirus vaccination coverage surveys in Egypt.

Wide- scale campaign of WHO in several Egyptian governorates to detect

the coverage of poliovirus vaccination programs in Egyptian children.

**COMMUNICATION
& LANGUAGE**

Arabic (native)

Fluent in English

Excellent written and verbal communication skills.

Confident, articulate, and professional speaking abilities.

Excellent presentation skills.

**PRACTICAL
SKILLS**

Microscopy (fluorescent, inverted and phase contrast microscopy), Slide staining/ preparation, Cell Staining for Microbe Identification.

Agar plate preparation and streaking for the purpose of individual colony isolation, Dilution, Plating and Cultivation.

Interpret and analyze results of bacterial cultures.

Perform different techniques of MIC.

Perform and interpret ELISA results for different pathogens including HBV, HCV, HIV for blood bank screening.

Performing different types of genomic extraction (DNA, RNA & plasmid).

Mastering performance of different types of conventional PCR.

Performing with perfection gel electrophoresis for results of conventional PCR.

Performing Restriction Fragment Length Polymorphism (RFLP).

Performing real time PCR different for types of viruses including HBV, HCV, HIV, and CMV.

Performing SYBR green real time PCR for HCV.