



## **Hamza M. Bashir Abduljalil**

**BSc:** Medical Technology (Pathology), Tripoli University

**MSc:** Biomedical Sciences, Libyan Academy.

**Current:** Doctoral Student.

Professional in Histopathology & Molecular Biology

### **Affiliation:**

Genetic Engineering Department, Libyan Biotechnology Research Centre, Tripoli, Libya.

**Role:** Genetic Engineering Lab Manger :

**Former Role:** Blood and Clinical Chemistry Research Laboratory Manger, Libyan Biotechnology Research Center

### **Contact:**

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With Over the last twenty years of experience in medical laboratories and histopathology departments across general and private hospital, laboratories, and the Libyan Biotechnology Research Centre, i have extensive expertise in medical biotechnology.

### **Key Skills & Expertise:**

- Molecular biology techniques: Sequencing, PCR, RT-PCR, Gel Electrophoresis, Nucleic Acid (DNA , RNA) Extraction and Purification
- Immunoassays: ELISA, GMO, Aflatoxin detection
- Clinical Laboratory Diagnostics: Clinical Chemistry, Microbiology, Hematology, Serology, Parasitology, Semen analysis, IVF
- Molecular Pathology & Tumor Biomarkers Research
- Basic experience in Karyotyping

### **Research & Development Focus:**

- ◆ Genetic detection of Breast Cancer and Cystic Fibrosis

### **Additional Roles:**

Former Delegate of the Bani Walid Medical Committee, Jordan.

Strong hands-on experience in PCR, RT-PCR, DNA extraction and purification, electrophoresis, and gel documentation systems.