

Ali Omar Ali Latiwish

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Objectives

1. To pursue a PhD. in Molecular Biology.
2. To obtain a position afterwards in a research laboratory and be a part of a team making a contribution to the improvement of human health and welfare.
3. To master the various aspects of Molecular Biology.

Education

Sebha University (Sebha, Libya)

Bachelor of Science / Medical Laboratories

May 2008 – July 2012

- During my studies in B.Sc., I have exposed to Medical lab techniques, critical disease case studies solving.
- I have attended an internship at the central medical laboratories of Sabha for six months. Above all, I have got the first top ranked among my batch in 2012.

– Present

JSS Academy of Higher Education & Research (Mysore, India)

Master of Science / Molecular Biology

August 2016 – June 2018

- I have held a number of presentations regarding my field in various occasions in my departments and other colleges, giving lectures to B.Sc. students and being an active communicator with my Professors.
- I have done a research project work in my graduation entitled: NQO1 determines the thymoquinone induced cytotoxicity in A549 lung cancer cell lines which is in review for publication.
- I have also done a summer project in the first year of M.Sc. entitled: Insilco screening of phytoconstituents on NQO1.

Experience

Specialized Technician at Central Blood Bank of Sabha

September 2012 – December 2015

- Specialized Technician in sample collection, blood component separation, medical lab experiments, virology department and delivery.

Assistant Teacher at Sebha University

March 2014 – January 2015

I have handled B.Sc. students in Biochemistry lab, Haematology lab and Molecular Biology lab. In addition, I used to give students supplemental lectures in these subjects.

Awards

Department of Medical Laboratories- Sebha University

October 2012

- First top ranked of the Medical Laboratories dept on 2012 batch.
 - Second top ranked of Molecular biology Division on 2018 batch.
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Skills

1. Medical Lab

Strong knowledge of various analyzers assisting in patient care.

Evaluated and solved problems related to collection and processing of biological specimens for analysis

Provided administrative and technical consulting services on laboratory testing.

Participated in the evaluation of new techniques and procedures in the laboratory.

Differentiated and resolved technical, instrument, and physiologic causes of problems or unexpected test results.

Assisted in training of new employees.

Instructed clinical laboratory students laboratory theory and application.

Supervised and provided technical guidance to employee.

2. Molecular Biolog

- Isolation and purification of DNA, RNA, protein from human, bacteria and yeast samples.
- Total DNA, RNA and protein extraction and purification.
- Real-time qRT-PCR.
- Gel electrophoresis, SDS-PAGE, southern blot, northern blot and western blot analysis
- Immunodetection analysis and ELISA.
- Cell culture storage, archival, and scraping.

3. Computer and Languages

- Proficient with Microsoft Word, Excel and PowerPoint.
 - Fluent in English.
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Activities

- Giving presentations to fresher students.
- Involving in scientific debates.
- Being a volunteer in helping older people.
- Jogging at the early morning.

Publications

In Review