

AISHA Mohammed Abd al-salam Shahlol

Address: - Alshati- Brack - Libya

E-mail: [Ais.shahlol@sebhau.edu.ly](mailto:Ais.shahlol@sebhau.edu.ly)

Ph.D. in Medical Bacteriology(**Assistance prof.**)

I am Staff member in medical lab technology department at Faculty of Engineering &Technology at Sabha University in Libya. I get BSc Since 1999 from medical lab technology department and graduated as Research assistance to Assistance lecturer during period from 2000 to 2007, also worked in this period in different laboratory techniques in medical lab department as describing below

### **SUMMARY OF QUALIFICATIONS**

More than 14 years of experience in medical lab technology as **Research assistance to Assistance lecturer and assistance prof.** with a capacity of working in a high pressure of work, communicating and negotiating well with others within a dynamic work environment.

### **WORK EXPERIENCE**

**Research assistance {medical lab technology} 1999 –2007; Faculty of Engineering &Technology at Sabha University**

*My responsibilities include:*

- Hematology lab I,II ....
- Parasitology lab I, II ....
- Immunology lab ....
- Genetics lab.
- Cell biology lab
- Molecular biology lab
- Histology lab I,II,III
- General Microbiology and Medical Microbiology lab I,II
- Medical lab analysis
  - Ahead of Vaccination program dose of hepatitis B virus to the students of the medical department.
  - A volunteer in the screening tests to HIV and hepatitis virus disease for foreign labor in Al-Shatii area.
  - Prepare tissue specimen slid for Brack Hospital sample that forwarded to medical lab technology department.
  - I worked as collaborating with Higher Health Institute –Al-Shatii , (histology lab)
  - I worked as collaborating with Higher Health Institute –Sabha , (histology lab)

**Assistance lecturer [medical lab technology] 2007 – 2009; Faculty of Engineering &Technology at Sabha University**

*My responsibilities include:*

- The Medical bacteriology courses teach
- Mycology courses teach
- Immunology courses teach

**Microbiologist and Bacterial Molecular Biology Specialists, Biotechnology center for service and researches, Dec 2013 to 8 Apr 2014; Cairo University, Egypt**

***My responsibilities include:***

- plasmid isolation, PCR, SDS-PAGE and joined the research team concerning isolation of polymerase enzyme from the native thermophilic strain (Novelty called *Thermus Egypticus*) isolated from local hot springs in Egypt

**Lecturer [medical microbiology] 2014 – 2016; and Assistance prof. 2017-2018  
Faculty of Engineering & Technology at Sabha University**

***My responsibilities include:***

- Immunology and medical Virology courses teach
- Reviewer for Sabha Journal
- Reviewer for British journal of Medicine and Medical Research

***A head for the Staff members Administration office; Faculty of Engineering & Technology at Sabha University.***

***A head for the Research Department of Scientific and consultation 2018; Faculty of Engineering & Technology at Sabha University.***

### **EDUCATION**

BSc Medical lab technology department, Faculty of Engineering & Technology at Sabha University, 1999

MSc Medical Microbiology, Faculty of Engineering & Technology at Sabha University, 2007

Ph.D. Medical Bacteriology, Faculty of sciences at Ain Shams University, EGYPT 2013

### **PROFESSIONAL CERTIFICATION**

- Tissue culture technique practical in vaccines, sera & Drugs Egypt company (2011).
- Introduction of Bioinformatics, Al-Azhar computer center, Al-Azhar University (2012).
- Practical in Principles & Technique of Molecular Biology at Genome Center, Faculty of Medicine Cairo University (Feb 2012).
- Practical covering Basic of DNA sequencing, sample application, Data analysis & Troubleshooting, in Egyptian company for Blood transfusion services (2012).
- Practical in Basic of Bioinformatics in ACTE training and development, Cairo university (Oct-Nov 2012).

- Practical in introduction to molecular cloning workshop at Biotechnology center for service and researches, Cairo University (Dec 2013).
- Practical Molecular Biology Training Course 40 hours for DNA extraction ,RAPD-PCR technique, Plasmid isolation and Digestion, Protein extraction and Estimation, SDS-PAGE in NATIONAL Research Center ,Cairo ,Egypt (Mar-Apr 2014).
- **Training program to Diploma** of Molecular Biology & Genetic Engineering at Sira- corp Consultations & Training Solutions and National Research Center (Mar-Apr 2014).
- **10 tips for writing a truly terrible journal article**, online course on Friday 12 May, 2017, Elsevier publishing campus
- Grammar and Punctuation, an online non-credit course authorized by University of California, Irvine and offered through Coursera 11/11/2017

### TRAINING COURSES

- Attended to introduction to Nanotechnology and its Biomedical Application workshop at Biotechnology center for service and researches, Cairo University (Dec 2013).
- Practical in introduction to polymerase chain reaction and its Biomedical Application workshop at Biotechnology center for service and researches, Cairo University (Dec 2013).
- Attended to Resume Designing and Research Methodology workshop at Biotechnology center for service and researches, Cairo University (Feb 2014).
- Successfully completed Cambridge Scholarship for English Language and passed the final examinations in General English level 12, English Conversation level 4, English Phonetics Diploma, Translation Diploma by Grade 88%, Cambridge Training College Britain in Egypt, 2014.

### PROFESSIONAL MEMBERSHIP

- The Egyptian Society of Experimental Biology {Egypt; 2013}.
- Libyan Scientific community club {Libya; 2016}.
- The 1<sup>st</sup> Annual post-graduated conference ; Faculty of Engineering & Technology at Sabha University, (2017)
- The first day of scientific Medical Lab Technology of Medical Lab Department(2017)

### CONFERENCE

Participated in the 2<sup>nd</sup> Scientific Congress of Faculty of Medicine, Benghazi University, Benghazi, Libya, 2007. **(Winner the Second Poster from 150 participated)\*\***

Participated in Disease and Endemic Conference Disease and Endemic Center, Tripoli, Libya (2008).

Attended in the 9<sup>th</sup> Annual International Conference of the Egyptian of Experimental Biology, Cairo, Egypt (2013).

Attended in the 1<sup>st</sup> Egyptian Society of United Scientists Congress (New aspects of Biotechnology) at El-Tatbeyin Club, Cairo, Egypt (2014).

Participated in the 12<sup>th</sup> Annual International Conference of the Egyptian of Experimental Biology, Cairo, Egypt, (2016).

Participated in the 1<sup>st</sup> Libyan Medical Lab Technology conference, Tripoli, Libya (2017).

Participated in the 1<sup>st</sup> Annual post-graduated conference ; Faculty of Engineering &Technology at Sabha University, (2017)

Participated in the 16<sup>h</sup> International Day of Biotechnology ,Yasmine Hammamet, TUNISIA,18<sup>th</sup>-22<sup>nd</sup>, Dec (2017)

Attended in the 1<sup>st</sup> International Sciences and Biotechnology conference , Sabha university Sabha, Libya (12<sup>th</sup>-13<sup>th</sup>, Feb, 2018).

### **Published paper**

Prevalence and Characterization of Extended-Spectrum  $\beta$ -Lactamase-Producing Enterobacteriaceae in Brack-Alshati, Fezzan, Libya. *EC Microbiology* 1.1 (2015): 23-32.

<https://www.ecronicon.com/ecmi/microbiology-ECMI-01-00004.php>.

Detection of Extended-spectrum  $\beta$ -lactamases (ESBLs) Among *Enterobacteriaceae* Inside Departments of Sabha Medical Center Hospital, Especially Nursery Department and Outpatient of Sabha City , Fazzan Area in Southwestern of LIBYA. *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS)* (2015) Volume 14, No 1, pp 204-213.

[http://asrjetsjournal.org/index.php/American\\_Scientific\\_Journal/issue/view/34](http://asrjetsjournal.org/index.php/American_Scientific_Journal/issue/view/34)

*Klebsiella pneumoniae* invasion, adherence and cytotoxicity are independent events mechanisms Egypt. J. Exp. Biol. (Bot.), 8(2): 251 – 259 (2012).

Bacterial contamination of Mobile phones and Hands of Health care workers in Sabha Medical Center Hospital, Fazzan Area in Southwestern of LIBYA . *Int. J. Curr. Res. Med. Sci.* 1(4): (2015): 1–8 <http://ijcrims.com/pdfcopy/oct2015/ijcrms1.pdf>

Microbial Contamination of hemodialysis Catheter Tips Among Renal Failure Patients in Brack Hospital, Southwestern of Libya. *Egypt. J. Exp. Biol. (Bot.)*, 12(2): 289 – 296 (2016) © The Egyptian Society of Experimental Biology; DOI: 10.5455/egyjebb.20161228103303Egypt

The prevalence of Cytomegalovirus infection in a group of pregnant woman in Brack Al-Shati , Libya. *I. J. of Appl. Med. and Bio. Res.* Vol 1 (1), 2016: p 7-11.

**Our sequences are available in the public database OF NCBI:**

**on Internet Explorer web**

*Klebsiella pneumoniae* subsp. *pneumoniae* strain Shahlol 22mucoviscosityassociated protein (magA) gene, partial cds GenBank: KP973856.1 <http://www.ncbi.nlm.nih.gov/nuccore/KP973856>

*Klebsiella pneumoniae* subsp. *pneumoniae* strain ShahlolA00216S ribosomal RNA gene, partial sequence GenBank: KP973855.1 <http://www.ncbi.nlm.nih.gov/nuccore/KP973855>

### **Community services**

Malaria infection; prevention; control; diagnosis and treatment; 2016(Algarda; Adre; Brack; Libya)

Lieshmina infection; prevention; control; diagnosis and treatment; 2016(Brack city; Libya)

Malaria infection; prevention; control; diagnosis and treatment; 2017(Algarda, libya)

• The first day of scientific Medical Lab Technology of Medical Lab Department , Faculty of Engineering &Technology at Sabha University, (2017)