



# Saad Hussein

Second laboratory specialist \  
Microbiology

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Certified Medical lab technologist with almost 3 years of Hand-on

experience in collecting and processing biological sample following written policies and adhering to SOPs, amazingly capable of performing tests and verifying analyzers performance, Work collaboratively and cheerfully with co-workers and deal tactfully with patients and visitors, have an open appetite for continuous development, training and education.

## Skills

(MS-expert knowledge in (Word, Excel, PowerPoint

90%

Time management

100%

Team work



## Contact Details

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📅 1994-07-24 - 🧑



## Education

● SHARQ EL NIEL - Bachelor

**Medical microbiology (Excellent)**

**Graduation date : 2015-09-15**

● Sudan University of Science and Technology - Diploma

**Medical laboratory sciences (Very good)**

**Graduation date : 2016-08-25**

● Sudan International University - Master Degree

**Medical Microbiology (Excellent)**

**Graduation date : 2018-07-12**



## Experience

● Sudan medical council -

100%

Working under pressure

100%

Self motivation

100%

Decision making

100%

Communication

100%

Sticking to directions

100%

## Interests

Travelling

English literature

Reading scientific articles and magazines



2015-11-26 - 26.11.2016

### Khartoum Oncology Hospital/ Microbiology department - second laboratory specialist

- Preparing culture media and biochemical test media and checking each for sterility and quality .
- Collecting, preparing, testing different biological samples and releasing results of culture and sensitivity.
- Calibrating, maintaining lab equipment.
- Providing technical support.
- Writing results, reviews and summaries.
- discussing results with the staff.
- Keeping up to date with relevant scientific and technical development.



2016-10-15 -

### Modern Medical Laboratory - Second laboratory specialist

Same as mentioned above.



2018-11-13 -

### MOH lisencc -



## Courses










Basic molecular techniques



2016-11-29 - 0000-00-00

DNA & RNA extraction, agarose gel electrophoresis and Polymerase chain reaction

- Gynecology and Cytology  
 2016-11-16 - 0000-00-00  
How to receive, process and interpret results
- Antibiotic susceptibility by the American Society of Microbiology  
 2016-11-19 - 0000-00-00  
How to perform AST, precautions, how to interpret results and detecting mechanisms of drug resistance
- Quality control in Bacteriology  
 2016-10-12 - 0000-00-00  
How to check on equipments , culture and biochemical tests media and insure validity and sterility
- Interpretation of Thyroid function test  
 2016-10-11 - 0000-00-00  
Interpreting the results of both Free and total T3, T4 and TSH
- Automatic pipette calibration  
 2016-10-10 - 0000-00-00
- Infection control in clinical laboratories  
 2016-09-06 - 0000-00-00  
How to protect ourselves, the staff and community from the hazard of infection when dealing with infectious agents and taking precautions under concern
- Validation of ICT for Malaria parasite  
 2016-09-05 - 0000-00-00

- Overview of immunological techniques

 2016-09-04 - 0000-00-00

The principals of different immunologic reactions used to detect pathological conditions ie, Agglutination, precipitation, sensitization and neutralization. beside advanced techniques like Blotting and ELISA

- Good CBC morphological assessment

 2016-08-27 - 0000-00-00

How to interpret each parameter and joining them all for a definite diagnosis

- Serum protein capillary electrophoresis interpretation

 2016-05-28 - 0000-00-00

- Stool examination and special techniques

 2016-05-31 - 2016-06-02

(Routine stool analysis and special techniques used (Sedimentation, Flotation and Filtration

- Ideal performance in routine investigations

 2016-05-10 - 2016-05-15

(How to ideally perform ( Urine and stool analysis) and quality control of Malaria parasite detection by both Blood smears and ICT strips

- ASCPi preparation course

 2018-01-05 - 2018-04-12

170 Hours

for medical laboratory sciences



## Achievements

● 2018-06-25

Prevalence of SHV and TEM genes in different clinical isolates of K. pneumoniae - Prevalence of SHV and TEM genes in different clinical isolates of K. pneumoniae

Confirmed the presence of genes mediating drug resistance after noticing the ESBL production appeared in the AST.



## Languages

**English** - Full professional proficiency

**Arabic** - Native Language



## References

Mustafa Eltigani - Assistant professor of microbiology and consultant microbiologist

My lecturer at Masters courses.

☎ 00249912617978 | ✉ [Mustafaeltigani@gmail.com](mailto:Mustafaeltigani@gmail.com)

Abualgasim Algaili - Assistant professor of medical Microbiology and Immunology

MY supervisor at the research project

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Ezzalarab Kamil - Technical director of the Modern medical laboratory

My lecturer and former supervisor at the lab.

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