

Resume

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Education:

- **Master degree in biomedical science:** College science and technology Bioscience Department, 12-july-2015
- Thesis:** "proliferation marker of prostate cancer using bioinformatics tools"
Advisor : Prof: Graham Ball
- **Bachelor science of biology / specialist in clinical biology.** College of science, department of biology, salahaddin university: 2004-2008.
- **Diploma of Teaching**, ministry of Higher education and scientific research,
University of Duhok, institute of academic development, Date of issue: 10/2018
- I have got a **scientific title: assistant lecturer** by ministry of Higher education and scientific research, Kurdistan region of Iraq; date of issue :04/2019.
- Certificate of completion course: **6 course Genomic Data Science Specialization**, John Hopkins University, offered by Coursera. 6/2020.
- Certificate of completion course: Antimicrobial resistance part 1 and part 2 ,from global health e-learning center.
- Study to get Certificate of completion course: 7 course **specialization in Bioinformatics**, University of California San Diego offered by Coursera.
- Certificate in infection prevention and control(IPC) for novel coronavirus (covid-19), offered by world health organization (WHO).2020.
- I have got permission by ministry of health to open **private general medical laboratories** in **Pirs Medical Complex**; Akre-Duhok; date issue: 2019.

PROFILE:

Extremely motivated and well qualified University lecturer, microbiologist and lab technician with 11+ years' solid experience in diverse lab settings. Well versed in drawing and performing analysis of samples that require minor incisions and conducting chemical analysis. Demonstrated ability to work efficiently in a busy lab in an organized manner. Registered as clinical biologist with ministry of Health the of Kurdistan Iraq.

HIGHLIGHTS OF QUALIFICATIONS:

- Skilled in medical lab scientist tasks including sample collection, analysis and lab report production.
- Well versed in laboratory software and digital reporting.
- Knowledgeable of state approved medical lab policies, hygiene requirements and general/standard procedures.
- Track record of collaborating with pathologists and physicians regarding test results and analytical patterns in blood reporting.

MEDICAL LAB EXPERTISE

- Hematology
- Microbiology
- Biochemistry
- Immunoassay
- Urinalysis
- Molecular diagnostics: detection of (Covid -19)by Real time PCR
- Medi-tech Software • Digital Chemical reporting

Skills:

Skill Name	Skill level	Last Used/Experience
Clinical Assays	High	Currently used/11 years
Clinical Biochemistry	High	Currently used/2 years
Immunoassay	High	Currently used/5 years
Clinical Microbiology	High	Currently used/11 years
Lab Equipment Calibration	High	Currently used/11years
Molecular Analysis	High	Currently used/4 years
Blood bank	High	5 years
Quality Control	High	Currently used/11 years

Work Experience:

Clinical biologist: **blood bank** April. 2009 – 2011 (3years), Gulan General Hospital and Emergency hospital (2015-2020).

- Collect diagnostic samples for clinical assessment .
- Process blood samples and bacterial cultures for submission to microbiology and virology laboratory.
- Label and prepare blood, plasma and other components for transfusions
- Track and monitor progress and results of responses to disease outbreaks.
- Verify test procedures are performed in accordance with standard operating procedures (blood group test, cross matching, Coombs test ,etc).
- Check inventory and order medicines and supplies for clinical use.
- Maintain controlled substances records.
- Verify instrument functioning by checking and calibrating specific lab instruments.

Biochemistry Laboratory :

April. 2018 – Jun2020,(one year). Akre merency and maternity General Hospital. 9:00 AM to 2:00 PM

Biochemistry Laboratory : March. 2019 – July 2020 Pirs private Laboratory. From 3:00 PM to 10:00 PM

- Collect diagnostic samples for clinical assessment.
- Conduct analytical tests on a variety of chemicals, materials.
- Verify test procedures are performed in accordance with standard operating procedures.(lipid profile, Liver function test, Diabetic monitoring, Renal function test ,etc)
- Documenting/Recording Information - Entering, transcribing, recording, storing, or maintaining information.
- Check inventory and order medicines and supplies for clinical use.
- Updating and Using Relevant Knowledge - Keeping up-to-date technically and applying new knowledge to your job.
- Maintain controlled substances records.
- Verify instrument functioning by checking and calibrating specific lab instruments.

Immunology Laboratory:

Akre merency and maternity General Hospital. Immunology Laboratory From 9:00 am to 2:00 pm , Feb. 2015 – 2020 ; Private Center Laboratory work shift: from 3:00 pm to 10:00 pm, 2015 – 2020.

investigate patients' immune systems and research the causes of any problems

- undertake a range of laboratory-based activities to help diagnose, monitor and treat patients with a variety of immunological disorders.
- Verify test procedures are performed in accordance with standard operating procedures.(Thyroid Function test, Tumor markers, Viral Marker ,Autoimmune disorders, fertility tests,ect..)
- work with patients and run specialized patient clinics
- help colleagues with the interpretation and validation of test results
- discuss patient treatment plans with relevant staff such as immunologists, specialist nurses and pediatricians
- produce reports and provide key information to medical staff about a patient's condition
- maintain accurate and detailed records.

Microbiology Laboratory :

From 9:00 am to 2:00 pm, April, 2009 – July 2020, (11 years) . Akre meregency and maternity General Hospital. Private Center Laboratory work shift: from 3:00 pm to 10:00 pm.

- Identification of Covid 19 by Real time PCR
- monitoring and identifying microorganisms manually and by vitek.
- monitoring and assessing samples from a range of sources;
- using a variety of identification methods, including molecular techniques, biochemical analysis and serotyping.
- developing new techniques, products and processes;
- Verify test procedures are performed in accordance with standard operating procedures which including Identification and Antibiotics sensitivity test) .
- managing and overseeing laboratory work.

TEACHING EXPERIENCE:

- Lecturer : in department of laboratory medical technology, college of medical laboratory technology , Duhok polytechnic university 2017-2018

- Lecturer : in department of histopathological analysis, practical module, institute of medical laboratory technology , Duhok polytechnic university 2017-2018

Pending PUBLICATIONS RESEARCHES:

- Seroprevalence of hepatitis b and c among health worker in duhok city_
- Discovery of proliferation marker using bioinformatics tools.

TRAININGS:

- Bacterial Identification by using VITEK COMPACT instrument, 2015.
- workshop on molecular biology and bioinformatics focused on hands-on molecular technique, using DNA sequencing and data analysis, research center of college of veterinary medicine. 2016
- Histopathology TRAINING: hands-on training in histotechnology department and histopathology . Rizgary general hospital-Erbil. For 6 months 2016.
- Online course: Introduction in bioinformatics for 3 months , IBT , university of cape town. May- 00, 2020. Module 1: Introduction, Databases and Resources,; Module 2: Linux; Module 3: Sequence alignment theory and application; Module 4: Multiple Sequence Alignment; Module 5: Genomics; Module 6: Molecular Evolution and Phylogenetics

Memberships

- Member of Kurdistan biologist Syndicate-Iraq, 2009-Present.
- Member of Institute of biomedical science-London: 2015. IBMS.org
- Member of International federation of biomedical laboratory science-Canada:2016-present.