

Abdulaziz Mohamed Dwaya
Souq Al Jum'aa- Tripoli, Libya
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Research Profile:

Currently, there is a number of Research has started related to field of Diagnostic Medical Microbiology (Relation between UTI & change in platelets parameters) and Infection Control & Prevention (Novel COVID -19).

Education

2014 – 2015 **MSc in Biomedical Science**
Nottingham Trent University, School of Science & Technology
Thesis Title: Method Evaluation of Isolation, Characterization and Identification of *Cronobacter spp.* and Physiological TRIATS OF *C. Sakazakii* Strains Submitted on September 2014

This course provided me a biological understanding of human disease processes, the treatment principles of such diseases. In addition, the underlying biological disciplines that enable their study and explanation.

2013 Pre-sessional English for Academic Purposes

2005 - 2009 **BSc in Medical Laboratories**, University of Tripoli – Libya

Research Experience

April – September 2014 Method Evaluation of Isolation, Characterization and Identification of *Cronobacter spp.* and Physiological TRIATS OF *C. Sakazakii* Strains

As a part of my MSc Research Project which has done in Rosalind Franklin building where I have learned a few of skills involved such as Microbiological methods have been developed, for automated and Indirect Bacterial cell counting, and Molecular techniques including Real Time PCR, DNA sequencing and Bioinformatics

❖ Supervised Bachelor Research Titles: Fall 2019 – Present:

1. Effect of *H. pylori* on Troponin I level in infected patient and healthy individuals, and its association as an independent risk factor for coronary heart disease (**Spring 2022**).
2. Antimicrobial Activity of Miswak (*Salvadora persica*) on the different type of microorganisms affecting healthy mouth and teeth. (**Spring 2022**)
3. Comparison of Complete Blood Count parameters in patient infected with *H. pylori* and non-infected individuals. (**Fall 2020**)
4. Detection of Bacterial Pathogen in Surgical Site Infection and their antibiotic profile at University Tripoli hospital (Department of Surgery) – Libya – (**Fall 2019**)
5. Comparison Iron level with *H. pylori* in patient with and without ulcer (**Fall 2019**)

❖ Conference Presentations:

1. Association between *H. pylori* infection as an independent risk factor for coronary heart disease, **The fifth conference on Medical Research**, Faculty of Medicine – University of Tripoli / Tripoli – Libya, *November 17, 2022*.
2. The impact and enhancing hand hygiene among health care workers during COVID-19 disease pandemic for prevention the incidence of MRSA, **7. International Istanbul Scientific Research Congress** (online), Istanbul – Turkey, *December 19, 2021*

❖ Publication List:

1. Dwaya A, Urayet A, Milad MB, Alkout AM. Platelet Count as Useful Indicator for Gram-Type of Bacteria Causing Urinary Tract Infection in Women. *Iberoam J Med.* 2022;4(1):24-29. doi: 10.53986/ibjm.2022.0006.

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Teaching, Research & Administrative Experience: September 15, 2015 – Present

- **Department Study & Exam Board Coordinator: September 2022 – Present**
 - Organize all internal and external examination processes, in liaison with staff, students, parents and examination boards, to ensure that all students are entered appropriately for examinations and work closely with the Curriculum Manager to form examination timetables.
 - Manage the capture, storage and processing of data and the production of associated reports and analyses relating to student performance in support of the college's aim to raise academic results.
 - Provide the Data & Attendance Manager with assistance in recording attendance.
- **Lecturer Assistance / Department of Medical Laboratory Sciences / Faculty of Medical Technology / University of Tripoli: January 2022 – Present**
 - Participating in developing course curriculum.
 - Delivery lectures, workshops and seminars to undergraduate students.
 - Supervised weekly practical sessions for about 30 students.
 - Examination invigilation and grading
 - A range of administrative functions related to day-to-day academic roles
- **Department Coordinator of Student Clinical Rotation at Tripoli Educational Hospitals: (Fall 2019).**
 - Supervises/directs daily operations of subordinates to complete assignments using established guidelines, procedures and policies.
 - Provides immediate supervision of a unit or group of BSc students, assigning tasks, checking work at frequent intervals, and maintaining schedules.
 - A portion of time is normally spent performing individual tasks related to department.
- **Department Study & Exam Board Coordinator: February – November 2018**
 - Organize all internal and external examination processes, in liaison with staff, students, parents and examination boards, to ensure that all students are entered appropriately for examinations and work closely with the Curriculum Manager to form examination timetables.
 - Manage the capture, storage and processing of data and the production of associated reports and analyses relating to student performance in support of the college's aim to raise academic results.
 - Provide the Data & Attendance Manager with assistance in recording attendance.
- **Lecturer Assistance / Department of Medical Laboratory Sciences / Faculty of Medical Technology / University of Tripoli: September 2015 – January 19th/2022**
 - Participating in developing course curriculum (ex: Medical Microbiology, Safety & Laboratory Management).
 - Delivery lectures, workshops and seminars to undergraduate students.
 - Supervised weekly practical sessions for about 30 students.
 - Examination invigilation and grading
 - A range of administrative functions related to day-to-day academic roles
- **Postgraduate Demonstrator: December 2010 – January 2013**
 - Delivered several seminars for students

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Work Skills:

- Excellent communication and organizational skills
- Responsible for report preparation, including table and figure preparation. Compiles analytical information from laboratory groups
- Ability to work well in a team setting and independently if essential
- Ability to follow-up and ensure projects are completed in a timely fashion and within budget
- Outstanding judgment, initiative, and attention to detail
- Maintains well documented, organized, and up-to-date study files including study schedule, protocol, and correspondence, as applicable
- Serves as the primary contact in communication and interaction with other departments and clients as applicable

Other Work Experience

Jan 2010 – Jul 2010/**Laboratory Technician** (Full-Time) – Saint James Hospital–Tripoli

Feb 2012 – Dec 2012 / **Laboratory Advisor** (Full-Time) – Almarkazia clinic – Tripoli

- Analyzed various specimens.
- Ensured implementation of waste disposal policy.
- Involved in quality control, maintenance, calibrations and proficiency testing.

Other skills

- Computer and Technical literacy:
- Applications: Microsoft Office Suite, SPSS for Data Analysis (Fluent), Python & related Analysis and Visualizing Software.
- Languages: including Arabic and Fluent in English

References

1. Dr. Abdurrazag Urayet, PhD (Faculty Vice-Dean for Scientific/ Lecturer)
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Tripoli – Libya
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