

Dana Faraj Salahat

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OBJECTIVE

Qualified medical lab scientist and lecturer seeking a challenging position in academic and research fields, where I can apply effectively my acquired knowledge, experience and skills, and pursue extensive research in cutting-edge hypothesis.

EDUCATION

2012-2013 University of Nottingham, UK.

MSc. Cancer Immunology and Biotechnology with Merit.

2005-2009 University of Sharjah, UAE.

BSc. Medical Laboratory Technology, Graduated with a GPA of 3.82 (High Honors); 2nd on my batch.

WORK EXPERIENCE

Sep. 2019- Present **Lecturer, Department of Medical Laboratory Sciences, University of Sharjah**

- **Teaching Experience**

Teaching, training, supervising and assessing students in different lab courses, including the following labs:

- Immunology and serology.
- General microbiology.
- Medical Microbiology.
- Histology & histopathological Techniques.
- Biochemistry.
- Phlebotomy.
- Human anatomy and physiology.
- Biology.

Oct.2016- Aug. 2019 **Lab Tutor, Department of Medical Laboratory Sciences, University of Sharjah**

- **Teaching, supervising and administrative experience**

- Teaching, training, supervising and assessing students in different MLS lab courses.
- In-charge of Molecular Genetics, Immunology & Research Lab.

❖ **Technical Experience**

Extensive technical experience in the following lab techniques:

- Manual and automated nucleic acid extraction and purification.
- PCR and RT-PCR.
- Gel electrophoresis.
- Protein electrophoresis.
- Competent cells preparation and transformation techniques.
- Western blotting.
- Manual and automated ELISA.
- Immunofluorescent assays using fluorescence microscope.
- Histological techniques

- Diagnostic laboratory techniques in microbiology, immunology, clinical chemistry and hematology.

❖ **Work Experience**

- Contribute to administrative tasks at the department, college and university levels as required by upper management.
- Academic advising of MLS students.
- Updating lab course contents and facilitating the improvements to processes and methodologies where appropriate.
- Took the initiative in preparing the first lab manual for the Immunology & Serology lab (Course #: 0501262)
- Providing specialist technical advice on specimen handling and processing to students and co-workers.
- Experiment setup and optimization.
- Taking responsibility for the maintenance and safe use of equipment within the lab.
- Maintaining inventory and supplies.
- Maintaining the highest standards of safety and quality in workplace.
- Communicating with lab supervisors and instructors regarding identified laboratory processes or quality issues.
- Using expertise to influence and advocate for improved practice and to advance the department outcomes.

❖ **Research Activities (submitted and currently under review)**

- "Effect of diurnal intermittent fasting during Ramadan on ghrelin, leptin, melatonin, and cortisol levels among overweight and obese subjects: A prospective observational"
Authors: Natheer Hashim, Mohamed Madkour, Haitham Jahrami, Dana Salahat, Fatima Alhasan, Ahmed BaHamam, Moez Al-Islam Faris*
- "Giardia lamblia in Various Animals in the United Arab Emirates"
Authors: Ali ElBakri, Dana F. Salahat, Nabila M. Hussein, Zeinab Abdallah Ibrahim, Ra'ed AbuOdeh*

❖ **College of Health Sciences (CHS) Committees:**

- **CHS strategic Performance Plan Committee;** Member of the Industry & Community Committee
- **Continuous Education & Professional Development Committee,** CHS
- **Member of Students Affair & Advisory Committee,** MLS Department

❖ **Membership in Scientific Society**

- British Society for Immunology, UK

Feb.2013- Aug.2013

Postgraduate Research Student at The University of Nottingham- UK

- The research project was on a tumour immunology related subject (Dissertation title: Identification of Tumour Associated Autoantibodies in Lung Cancer).
This work was supported by the University of Nottingham and Oncimmune Ltd.
- **Research Methods:**
 - Bacterial colony growth & HTP Expression Screen (HTPE).
 - Antigen lysis and purification.
 - Characterization and quantification: SDS-PAGE, silver stain.
 - Immunological technique: semi-automated ELISA (HTPA).
 - Statistical analysis and report writing.

Apr.2010- Aug.2012

Qualified Technologist at Al-Qassimi Hospital, Sharjah

- **In-charge of Molecular Diagnostics Lab**
 - Significant experience in nucleic acid extraction both manual and automated using QIAGEN (QIAamp Viral RNA and DNA Mini Kits).
 - Extensive experience in conventional PCR and Real Time PCR system using Cobas TaqMan 480 and ABI 7500 (Applied Biosystems).
 - Following strict methodology- CDC protocol- to carry out Cell Culture and Viral Isolation (as part of National Influenza Centre- NIC).
 - Took the initiative in preparing the SOP of the lab.
 - Involved in research: data/ specimen collection and analysis.
 - Maintaining inventory and supplies.
 - Supervise the periodic maintenance of lab instruments.
 - Extensive experience with LIMS.
 - Managerial tasks; perform assigned duties and prepare correspondence.

- **Microbiology lab work experience**
 - Highly skilled in microbiology techniques, terminology, equipment and supplies.
 - Prepare, stain, view and interpret slides microscopically.
 - Using proper aseptic techniques to transfer and culture microbiology samples.
 - Properly prepare, use and maintain various microbiology culture media.
 - Set up, and interpret various manual biochemical identification tests and antibiotic susceptibility testing.
 - Proficient in methods and practices of microbiological analysis (urine analysis, stool analysis, blood culture, ELISA. etc).
 - Proficient in setting automated ID and AST machines (MicroScan).
 - Proper reading, interpreting, and correlation of cultures.

- **Other laboratory roles at Al-Qassimi Hospital**
 - Served as main point of contact between staff members and laboratory head.
 - Participated in training of lab technologist and medical students.

LICENSE

- Passed the MLT-PROMETRIC exam. Dubai Healthcare City (DHCC) license application has been approved as Letter of Acceptance as **Allied Health Professional- Medical Laboratory Technology, Sep.2016**
- Ministry of Health (MOH) License in UAE, evaluated as *Senior In-charge Tech*, 2009

**CERTIFICATES/CONFERENCES
/WORKSHOPS/SELF-
LEARNING**

- Basic life Support **Instructor Course** certificate (AHA), 10th.Dec.2010.
 - **Certificate of Appreciation from the University of Sharjah** for valuable contribution to the College of Health Sciences student training at Al Qassimi Hospital for the academic year 2010/2011.
 - Completed the (**Basic Training Program in Clinical Research**) at Al Qassimi Hospital, June 24-26, 2012 and awarded 8.5 credits.
 - Successfully completed course in (**Certified Professional in Healthcare Quality Review Course**) 30th, 6th, 13th November 2015 and awarded 12 CPD credit points.
 - Certificate of completion of **Online Lab Safety Training** developed by UOS central lab directorate. 23th.Dec.2018
 - Basic Life Support for Health Care Providers course certificate (AHA), 13th.Jun.2019
 - Participated in (**Women in Research Workshop on Google G Suite**) in collaboration with Google, Dec 8th, 2019
 - Attended Research Café Talk on (**Research & Innovation: Breaking the barrier, Thinking Outside the Box**) conducted by office of vice chancellor for research & graduate studies, Dec 10th, 2019
 - Attended a training session on (**SciFinder®) a research discovery application**, Feb 27th, 2020
 - Attended **The First Technical Exchange Meeting** for medical colleges at the UOS. Fostering University and Industry Partnership: Assessing Biomedical & Health Research Opportunities, Jan 30th, 2020
 - **MBRU Community Immunity Ambassador:** (Let's break the chain of COVID-19 infection), Mar 29th, 2020
 - **WHO (Record of Achievement): COVID-19:** Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response, Apr 9th, 2020
 - **MBRU Community Immunity Champion:** (Let's Gear Up to Volunteer and Defy COVID-19), May 5th, 2020
 - **COVID-19 Contact Tracing:** an online non-credit course authorized by **Johns Hopkins University** and offered through Coursera. May 24th, 2020
 - **Office Ergonomics;** online training courses offered by the directorate of the central labs, UOS, May 9th, 2020.
 - **Bloodborne Pathogens for Research and Campus Activities;** online training courses offered by the directorate of the central labs, UOS, May 10th,2020
 - **Biosafety Level 2;** online training courses offered by the directorate of the central labs, UOS, May 10th, 2020
 - **Safety data Sheets;** online training courses offered by the directorate of the central labs, UOS, May 10th, 2020
 - **Coronavirus (COVID-19) Prevention;** online training courses offered by the directorate of the central labs, UOS, May 10th, 2020
 - **Influenza Prevention;** online training courses offered by the directorate of the central labs, UOS, May 10th, 2020
 - **Coronavirus (COVID-19) Prevention in the Workplace;** online training courses offered by the directorate of the central labs, UOS, May 11th, 2020
 - **Laboratory Safety-Biological hazards;** online training courses offered by the directorate of the central labs, UOS, May 11th, 2020
 - **Scalpel and Needle Safety in Laboratories;** online training courses offered by the directorate of the central labs, UOS, May 11th, 2020
 - **Blackboard Training Workshops** related to interactive teaching and assessments, IT Center-UOS. Mar-Jun 2020
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SKILLS

- Communication skills: Excellent communication and interpersonal skills.
- IT: Familiar with Word, Excel, PowerPoint, Windows, Google G Suite, Blackboard system and GraphPad Prism 6.
- Collecting, compiling, and interpreting research data.
- Statistical data analysis.
- Languages: Excellent command of Arabic and English (written and spoken).

CAPACITIES/ STRENGTHS

- Displayed skills in performing under pressure, working on challenging assignments and consistently achieving organizational goals.
- Innovative, sociable, extremely organized and multitasker with high sense of responsibility.
- Energetic, self-motivated, team player with excellent ability to learn new things.

REFEREES

- **Prof. Mawieh Hamad**

Professor

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- **Dr. Raed AbuOdeh**

Associate Professor

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- **Dr. Mansour Al-Zarouni**

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Executive Director, EML Diagnostics, Sharjah, UAE
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- **Dr. Caroline Chapman**

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