

## **Resume**

### **Salwa Dhaffer Mesffer Al-Qahtani**

Saudi nationality

College of Applied Medical Sciences,  
Majmaah university, girls section, Majmaah province

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#### **Qualifications:**

- PhD. in Biochemistry - College of Sciences from King Abdulaziz University, Jeddah, GPA: 4.94 from in 1444 H, Thesis title is Study the impact of loading 2-methoxyestradiol on nanoparticles and its cytotoxicity in breast cancer cells.
  - MSc. in Biochemistry - College of Sciences from King Abdulaziz University, Jeddah, GPA: 4.94 from in 1438 H, Thesis title is Potential modulatory effects of Rubrofusarin and Toralactone on the Efficacy of Paclitaxel.
  - B.Sc. in Biochemistry - College of Sciences from King Abdulaziz University, Jeddah, GPA: 4.33 from 5 with the second honor in 1429-1430 H.
  - Computer Literate in Word, Excel and Power point.
  - Excellent knowledge in Internet exploring.
  - Standardized Test of English Proficiency (STEP ) ( 67% above average).
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#### **Current work:**

- Assistant professor t at college of Applied Medical Sciences, Majmaah University (Majmaah).

#### **Current teaching tasks:**

- Pathophysiology course for the nursing students ( level 6) - college of Applied Medical Sciences - Majmaah University.
- Pathophysiology course for the physiotherapy students ( level 6) - college of Applied Medical Sciences - Majmaah University.

#### **Current other tasks:**

- Director of the Clinical Training Unit, College of Applied Medical Sciences- Majmaah University - female section
- Supervisor Student Activities Department, College of Applied Medical Sciences- Majmaah University - female section

- Academic Advising for the medical laboratories students, College of Applied Medical Sciences -Majmaah University - female section.

### **Previous teaching experience:**

- Teacher Assistant at College of Applied Medical Sciences, Northern Borders University (Arar-KSA) since 6-8-1431 for two years.
- Teacher Assistant at college of Applied Medical Sciences, Majmaah University (Majmaah-KSA) since 4-9-1433 H for one year.

### **Previous teaching tasks:**

As a Teacher Assistant my duties are:

- Teaching the practical course of “Clinical Chemistry” for the 3rd class of medical laboratories students- Northern Borders University.
- Teaching the practical course of “Urine analysis and body fluid” for the 3rd class of medical laboratories students- Northern Borders University.
- Teaching the practical course of the “Biochemistry module” for the 2nd class of medical students- Northern Borders University.
- Teaching the practical course of the “Biochemistry module” for the 3rd class of medical students- Northern Borders University.
- Follow up the medical students and medical laboratories students during their practical work in the lab- Northern Borders University.
- Preparation of Exams and recording the result.
- Supervising the 4th year medical laboratories students during their training at Arar Central Hospital.
- Supervising the 3rd year medical students during their training for (emergency course) at Arar Central Hospital.
- Teaching the Principles of nutrition course for the nursing students ( level 5) - college of Applied Medical Sciences- Majmaah University.

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### **Practical Training Programmes:**

- Training at Althagr Governmental Hospital-Jeddah, since 24-6-1429 H for six weeks (95% training Period degree).

### **Training Course:**

- Course titled (use statistical analysis software SPSS) on 28-6-1433 H for 5 days (15 hours) at Deanship of Community Service and Continuing Education - University of Northern Border.
- Course titled (successful lifestyle of women in the work environment) on 15-1-1433 H for 2 day (8 hours) at Deanship of Community Service and Continuing Education - University of Northern Border.
- Course titled (Use of digital information sources) on 23-1-1433 H for 2 days (8 hours) – Saudi Digital Library- University of Northern Border.
- Course titled (world class teaching university) on 25-5-1433 H for 4 days- International Exhibition and Conference on Higher Education 2012 in Riyadh.
- Course titled ( Developing Research Abilities: Idea Formulation and Research Management) on 8-10-2012 G for one day- King Abdulaziz City For Science and Technology General Directorate of Research Grants - Majmaah University.
- Course titled (E-learning system and its tools) on 3-1-1434 H for 2 days (8 hours) - Deanship of E-learning and Distance Learning- Majmaah University.

### **Workshops:**

- Research Methodology on 6-2-1432 H, for 5 hours at Prince Abdulaziz bin Musaed Hospital in Arar.
- Assessment of Competence on (21), (28) -5-1432, and 6-6-1432 H, for 3 days (5 hours/day) at Prince Abdulaziz bin Musaed Hospital in Arar. .
- Quality Assurance in Medical Education, on 12-11-1432 H, for 5hrs, at Prince Abdulaziz bin Musaed Hospital in Arar.
- Self Esteem on 23-3-1433 H, for one day (6 hours) at College Of Home Economics - University of Northern Border.
- Tenth panel discussion entitled (E-learning in universities emerging - issues and aspirations) on 25-1-1434 H, for one day- Deanship of E-learning and Distance Learning- Majmaah University.
- Ethics e-learning on 25-5-1434 H, for one day- Deanship of E-learning and Distance Learning- Majmaah University.
- Creative ideas for student activities on 3-3-1434 H, for one day - Deanship of Student Affairs- Majmaah University.

### **Languages and Degree of Proficiency:**

- Arabic language proficiency spoken and written is very excellent.
- English language proficiency spoken and written is very good.

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Arabic	Excellent	Excellent	Excellent

## Research publications and conferences

- 1- Self-Nanoemulsifying Drug Delivery System of 2-Methoxyestradiol Exhibits Enhanced Anti-Proliferative and Pro-Apoptotic Activities in MCF-7 Breast Cancer Cells.  
Life 2022, 12, 1369. <https://doi.org/10.3390/life12091369>
- 2- mTOR as a Potential Target for the Treatment of Microbial Infections, Inflammatory Bowel Diseases, and Colorectal Cancer  
Int. J. Mol. Sci. 2022, 23, 12470. <https://doi.org/10.3390/ijms232012470>
- 3- Rubrofusarin and toralactone sensitize resistant MCF-7<sup>adr</sup> cell line to paclitaxel via inhibiting P-glycoprotein efflux activity  
*Cancer Res* (2017) 77 (13\_Supplement): 1205.  
<https://doi.org/10.1158/1538-7445.AM2017-1205>