

Dr. Kamal Eldin Ahmed Abdelsalam

Associate Professor in Clinical Chemistry

Consultant Technologist in Medical Laboratory Sciences

Address: Shaqra University, College of Applied Medical College; Shaqra, Riyadh

Day of birth: ١/٣/١٩٧٤

Marital status: Married






Phone: ٠٥٥ ١١٣ ٥٧٢٥

E-Mail: kabdelsalam@su.edu.sa

Professional Summary

Meticulous academic professional in the field of medical lab sciences seeking an Educator role in which to apply knowledge of learning management systems and a passion for engaging lectures. Known for implementing innovative teaching methods to increase student engagement. Aiming to leverage more than ٢٣ years of academic experience to drive student growth and participation.

Skills

Lesson planning		Excellent
Program development		Excellent
Curriculum design		Excellent
Creative learning strategies		Very Good
Strong collaborator		Excellent
Standardized testing		Excellent
Teaching/tutoring		Excellent
Test proctoring		Excellent

Work History

October ٢٠١٢ to Current

Associate Professor

Shaqra University Shaqra, Riyadh

- Completed and submitted reports to administration details of course activities and plans.
- Distributed course syllabus and responded to student questions and concerns regarding standards, material, grading and progression.
- Taught ٣ undergraduate classes per semester in Clinical Chemistry and medical laboratory.
- Taught ٣ post graduate classes per semester in Clinical Chemistry.
- Maintained regular office hours to help students with questions and provide educational support.
- Supervised academic work of teachers and professors for compliance with quality standards for teaching.
- Planned, implemented, monitored and assessed classroom instructional program.
- Created new lesson plans based on course objectives.

January ٢٠٠٨ to January ٢٠١٣

Editorial Manager

Sudan Medical Laboratory Journal

- Proofread, edited, and evaluated final copy to verify content aligned with established guidelines.
- Conducted editorial meetings with staff members to collaborate and review proposed publication suggestions.

- Performed various administrative functions, including filing paperwork, delivering mail, sorting mail, office cleaning and bookkeeping.
- Hired, trained, and provided daily direction for 7 employees.

July 2008 to October 2012

Assistant Clinical Professor

Omdurman Islamic University Omdurman, Khartoum

- Lectured to classes, using effective communication and delivery skills.
- Developed course materials on Clinical Chemistry to be both engaging and informative for students.
- Evaluated student performance and understanding of course material by providing in-depth tests and examinations.
- Planned, implemented, monitored and assessed classroom instructional program.
- Recommended training programs for technicians and engineers to further professional growth.

July 2003 to July 2008

Senior Lecturer

Omdurman Ahlia University Omdurman, Khartoum

- Advised students regarding academic coursework and degree options.
- Taught 8 undergraduate classes per semester in Clinical Chemistry.
- Plan and manage development of standards-based curriculum, instruction, and assessment plans and strategies.
- Created positive and safe learning environment for students by setting and enforcing classroom code of conduct.

Education

2000-2008

Ph.D. Medical Laboratory Sciences, Clinical Chemistry

Omdurman Islamic University Sudan

2001-2003

Juba University Sudan

Master of Science Medical Laboratory Sciences, Chemical Pathology

1992-1997

Omdurman Ahlia University Sudan

Bachelor of Science Medical Laboratory Sciences, Chemical Pathology

Accomplishments

- Reviewer in 7 international peer-reviewed scientific journals
- Received the 3rd best research Award. Professional Medical Journal (2012)
- Creator of Sudan Medical Laboratory Journal. Omdurman Islamic University (2008)
- Published 7 academic books
- Published 13 Paper in peer-reviewed scientific journals
- Supervised studies for 9 PhD, 13 MSc, 71 BSc students

Publications

١. Frankincense extract protects against testicular damage through augmentation of antioxidant defense mechanisms and modulation of apoptotic genes expression. *Scientific Reports*. [Q١](#). (٢٠٢٢).
٢. Beneficial Effect of Methanolic Extract of Frankincense (*Boswellia Sacra*) on Testis Mediated through Suppression of Oxidative Stress and Apoptosis. *Molecules*. [Q٢](#). (٢٠٢٢ Jul).
٣. A Case Control Study on Serum Levels of Potential Biomarkers in Male Breast Cancer Patients. *Int. J. Environ. Res. Public Health*. [Q٣](#). (May ٢٠٢١)
٤. Assessment of Some Serum Liver Parameters among Sudanese Adult Cigarette Smokers, Omdurman City, Sudan. *Gezira Journal of Health Sciences*. (٢٠١٩)
٥. Assessment of cardioprotective effect of *Costus speciosus* in isoproterenol induced myocardial infarction in rats. *Biochemical and Cellular Archives*. (٢٠١٩)
٦. Comparison between trimesters: assessment of serum neurochemical hormones in normal pregnant women. *International Journal of Biology and Biotechnology*. (٢٠١٩)
٧. Effect of smoking on cardiac function tests among male Saudi youngsters. *International Journal of Biology and Biotechnology*. (٢٠١٩)
٨. Serum NT- pro-atrial natriuretic peptide and Pentraxin ٣ as comparative to routine cardiac functions tests in diabetic patients with Myocardial Infarction. *International Journal of Biology and Biotechnology*. (٢٠١٩)
٩. Effect of multiparity on serotonin and oxytocin hormones compared to primiparity and nulliparity in pregnant Sudanese women. *Journal of Evolution of Medical and Dental Sciences*. (٢٠١٩)
١٠. Comparison of ghrelin hormone among pregnant Sudanese women. *Journal of Evolution of Medical and Dental Sciences*. (٢٠١٩)
١١. Role of Roof plate-specific SPONDIN٣ Mutation in the Determination of Obesity Phenotypes/Fat Distribution and Susceptibility to Cardiovascular disease in Sudanese Patients in Khartoum State. *Journal of Drug Delivery and Therapeutics* (٢٠١٩)
١٢. Relation of R-Spondin ٣ Gene expression android obesity and Susceptibility to Cardiovascular disease in Sudanese Patients in Khartoum State. *Journal of Drug Delivery and Therapeutics* (٢٠١٩)
١٣. Antidiabetic effect of olive oil and its interaction with Metformin in alloxan induced diabetes in rats. *Biochemical and Cellular Archives*. (٢٠١٨)
١٤. Assessment of heart function tests in grand multiparity pregnant Sudanese women. *International Journal of Biology and Biotechnology* (٢٠١٨)
١٥. Influence of Grand Multiparity on the Levels of Insulin, Glucose and HOMA-IR in Comparison with Nulliparity and Primiparity. *Pakistan Journal of Biological Sciences* (٢٠١٧)
١٦. Evaluation of cardiac function tests in Sudanese adult patients with sickle cell trait. *Medical Journal of Indonesia* (٢٠١٦)

17. Effect of Plasmodium falciparum Infection on Serum Levels of Calcium, Magnesium, Zinc and Iron among Adult Sudanese Patients. Asian Journal of Scientific Research (2016)
18. Influence of end stage renal disease in alteration of some trace elements in Sudanese patients. International Journal of Current Research and Review (2016)
19. Assessment of liver functions tests in grand multiparity in second trimester pregnant ladies. International Journal of Development Research (2015)
20. Lipoprotein lipase, amylase and triglyceride alteration: lean diabetic and obese (non-diabetic) patients. International Journal of Sciences: Basic and Applied Research (2015)
21. Extra-analytical quality control of serum total calcium (collection of blood in supine state and correction using serum albumin levels). International Journal of Sciences: Basic and Applied Research (2015)
22. Combination of Plasma Ultra-Sensitive CRP and Homocysteine as Diagnostic and Predictive Protocol for Acute Myocardial Infarction. International Journal of Science and Research (2015)
23. Relationship between TSH, T₄, T₃ and Prolactin in overweight and lean Sudanese PCOS Patients. International Journal of Biomedical Research (2015)
24. The role of Schistosoma Haematobium in alteration of serum lipid profile among Sudanese school children. International Journal of Biomedical Research (2015)
25. Effect of Grand Multiparity on Certain Thyroid Function Tests. International Journal of Biomedical Research (2015)
26. Influence of breast cancer on serum testosterone and sex hormone binding globulin levels among Sudanese ladies. Int J Cur Res Rev (2015)
27. Azoospermia in Sudanese males with breast cancer: a multiple case report. International journal of current research (2015)
28. Levels of FSH, LH, SHBG, total testosterone, and LH/FSH ratio in Sudanese patients with polycystic ovary syndrome in relation to body mass index. International journal of current research (2015)
29. An in vitro antimicrobial potential of various extracts of commiphora myrrha. Journal of Biomedical and Pharmaceutical Research (2015)
30. Association between coffee intake and the risk of impaired cardiac functions among healthy young Sudanese people. Journal of Biomedical and Pharmaceutical Research (2015)
31. The role of developing breast cancer in alteration of estrogen level in Sudanese women. International journal of current research (2014)
32. Biochemical parameters in relation to tuberculosis in Sudanese patients. Sudan JMS (2014)
33. The role of breast cancer in alteration of lipid profile Journal of Research in Medical Sciences – (June 2012)
34. Effect of diabetes mellitus on thyroid function tests. Ribat Medical Journal (2012)
35. Lipid alteration; Diabetic and obese (non-diabetic) patients Professional Med J Oct- Dec (2011)

٣٦. Effect of grand multiparity on total cholesterol and triglyceride levels in normal pregnant Sudanese ladies. Sudan Medical Laboratory Journal (٢٠١١)
٣٧. Correlation between urea level and HbA1c level in type ٢ diabetic patients. Sudan Medical Laboratory Journal (٢٠١١)
٣٨. Effect of hypertension and smoking on lipid profile levels. Sudan Medical Laboratory Journal (٢٠١١)
٣٩. Possibility of Xanthine Oxidase and Malondialdehyde as a marker for Myocardial Infarction. Sudan JMS (٢٠١١)
٤٠. Cultures of urine samples collected from catheters compared with those obtained by direct Suprapubic aspiration. Sudan Medical Laboratory Journal (٢٠١١)
٤١. Effect of grand multiparity on HDL-C level in normal pregnant Sudanese ladies. Sudan Medical Laboratory Journal (٢٠١١)
٤٢. Effect of Storage Time and Temperature on some Serum Analytes International Journal of Pathology (٢٠١٠)
٤٣. Low density lipoprotein-cholesterol level in grand multiparity compared to primiparity in normal pregnant ladies American Green Paper Journal (٢٠١٠)
٤٤. The effect of osteoporosis and diabetes mellitus on serum magnesium level of Sudanese ladies Yemeni J for Med Sci (٢٠١٠)
٤٥. A comparative study of serum electrolytes, total protein, calcium and phosphate among diabetic and HIV patients in Khartoum state, Sudan Pak Med heal Sci October - December (٢٠٠٩)

Conferences & Symposiums

- Participation in scientific conferences: **Workshops, Shaqra University** (١٢/٠٤/٢٠٢٢)
- How to prepare the annual program report: **Workshops, Shaqra University** (٠٥/٠٤/٢٠٢٢)
- International Scientific Publishing: **Workshops, Shaqra University** (٠٥/٠٤/٢٠٢٢)
- Publishing and reviewing in peer-reviewed scientific journals: **Workshops, Shaqra University** (٢٩/٠٣/٢٠٢٢)
- Internal Review procedures: **Workshops, Shaqra University** (٠٨/٠٣/٢٠٢٢)
- Data analysis and regression in scientific research: **Workshops, Shaqra University** (٠٥/٠٨/١٤٤٣H)
- Preparing the program and course file: **Workshops, Shaqra University** (٢٨/٢/٢٠٢٢)
- Preparing a course specification and report: **Workshops, Shaqra University** (١٥/٠٢/٢٠٢٢)
- Preparing and reviewing the program specification: **Workshops, Shaqra University** (٠٨/٠٢/٢٠٢٢)
- Program accreditation criteria for undergraduate and postgraduate studies: **Workshops, Shaqra University** (٠٧/٠٢/٢٠٢٢)
- Program accreditation criteria for undergraduate and postgraduate studies ١: **Workshops, Shaqra University** (٠٢/٠٢/٢٠٢٢)
- Antibiotic-resistant bacteria: **Workshops, Shaqra University** (٢٠٢١)
- The delta mutation and how to prevent it: **Workshops, Shaqra University** (٢٠٢١)
- Scientific research between reality and ambition: **Workshops, Omdurman Islamic University** -January-٢٠١٢

- PCR and cancers management: **Workshops, Cairo University**-October-٢٠١٠
- Exam measurement and evaluation: **Workshops, Cairo University**-April-٢٠٠٨
- Perceptions of teaching and learning of social studies of Arab professors, hospital supervisors, and student researchers. **Educational Research Association. Conference**, Egypt, Dec, ٢٠٠٧.
- **The electronic University. Omdurman Islamic University. Conference, Sudan.** Nov, ٢٠٠٦
- The role of the Automations in developing laboratories efficiencies. **Ministry of Health, Sudan. Workshops**, January, ٢٠٠٥
- Teaching skills and teaching Aids: **Ahfad University with association to UN.** Mar-Apr, ٢٠٠١
- Quality control management, quality control managerial problems in the laboratories of Khartoum state hospitals. Laboratory Management, Ministry of Health-Khartoum State. **Workshops, Khartoum**, September, ٢٠٠١.
- Computer uses: Training courses- May-٢٠٠٠

Software

- ▲ MS Office Proficient
- ▲ Proficient in SPSS and EndNote Software