

Kingdom of Saudi Arabia  
King Saud University  
College of Applied Medical Sciences



## Curriculum Vitae

### **Personal information**

**Dr: Haifa Mohammed S. ALNafea**

Sex: female

Nationality: Saudi

Job title: Assistance professor in King Saud University, College of Applied Medical Sciences, Clinical Laboratory Science.

### **Educational Background**

**Bachelor's degree obtained from** King Saud University, College of Applied Medical Sciences, Clinical Laboratory Science (1420H-1999).

**Grade:** Very good grade with second class honour.

**Master's degree obtained from:** King Saud University, College of Applied Medical Sciences, Clinical Laboratory Science (1426H-2006).

#### **Thesis Title:**

Homocysteine Values and Coagulation Factors in Normal Persons and Patients with Ischaemic Heart Disease.

**Doctor of Philosophy (PhD) from:** King Saud University, College of Science, Department of Botany and Microbiology (1436-1437H).

#### **Thesis Title:**

Evaluation of Interleukin 17 Level as a Prognostic Marker in Active Antiviral Treated Human Immunodeficiency Virus in Saudi Patients.

## Experience and training:

- One year internship in department of Hematology, Microbiology, Biochemistry, and Histopathology, Riyadh Armed Forces Hospital (1998).
- Worked as medical lab technologist in department of Cytogenetics, Riyadh Armed Forces Hospital (1999-2001).
- Worked as demonstrator in College of Applied Medical Sciences, Clinical Laboratory Science (1422H-2001).
- Worked as Lecturer in College of Applied Medical Sciences, Clinical Laboratory Science (from 18-12-1427H).
- Attended a program in Assessment of Learning Outcomes (Deanship of Skills Development) which was held at King Saud University during the period of 16/05/2011 for total of 8 training hour.
- Attended a program in Effective Teaching (Deanship of Skills Development) which was held at King Saud University during the period of 15-16/05/2012 for total of 8 training hour.
- Worked as coordinator in College of Applied Medical Sciences, Clinical Laboratory Science (1431H).
- Works as agent of Clinical Laboratory Science department, College of Applied Medical Sciences at king saud university (1432-1433).
- Introduction to endnote in Research Center of Scientific and Medical Studies at king saud university for a total of 2 hours training on 16/11/2015.
- A successfully completed a new faculty orientation and preparation program at KSU. This program was accredited by the **staff and educational development association (SEDA)** under the Professional Development Named Award. Learning, teaching and assessing, 2017.
- A successfully completed **the training program of Academic Quality practitioner** at the **Education and Training Evaluation Commission**. From 30/8/2020 to 02/9/2020.
- A successfully completed the training program of **Academic accreditation and quality references** at **Technical & Vocational Training Corporation** from 6/9/2020 for ten days for 60 hours training at Alataa center (approval number 16327362).

## Conferences and symposiums

- Two weeks **introductory course of molecular biology** held on 6<sup>th</sup> -21<sup>st</sup> October 1998 in Riyadh Armed Forces Hospital.
- The **Fourth Saudi School of Human Molecular genetic** on 28<sup>th</sup> November- 3<sup>th</sup> December 1998 at Medical Biochemistry Department College of Medicine, King Saudi University.
- **Workshop" the use of laboratory animals in biomedical research"** on 5-6 Jun 1999 at Research Center King Faisal Specialist Hospital.
- **Introduction to Basic molecular biology technology workshop** on 21-23 Jun 1999 at Research Center King Faisal Specialist Hospital.
- The **6<sup>th</sup> Annual International Hematology Conference the 1<sup>st</sup> Annual Hematology Nursing Meeting and the 1<sup>st</sup> Annual Hematology Laboratory Technology Meeting** held 19-22 March 2007 at the King Fahad Cultural Center Riyadh, K.S.A.
- The **effort in German accreditation from Accreditation Agency for Study program in Health and social Sciences (AHPGS) for clinical laboratory sciences department.**
- **The first conference of applied medical sciences colleges** (10-11 march 2012).
- **The 2 Saudi international conferences on scientific publishing** 2015 during 11-13 October 2015.
- Third Annual forum for University Teaching, Active Learning for Enhancing Learning outcomes at KSU on 4 April 2016.
- A program in: **Flipped Classrooms**, which has held at KSU, Deanship of Skills Development during the period of: 01/10/2017 for five training hours.
- A program in: **Good Practices in University Teaching**, which has held at KSU, Deanship of Skills Development during the period of: 3/10/2017 for five training hours.
- A workshop in Eligibility **criteria for EEC-HES accreditation**, which held at KSU, Collage of Applied Medical Sciences during the period of: 11/10/2017 for five training hours.
- A workshop in **How to review the course file part I**, which held at KSU, Collage of Applied Medical Sciences during the period of: 10/10/2017 for two training hours.
- A workshop in **How to review the course file part II** that held at KSU, Collage of Applied Medical Sciences during the period of: 17/10/2017 for two training hours.
- A workshop in **The Journey Of Clinical Trial** including ICH GCP E6 Which held at KSU, King Khalid university hospital (KKUH) during the period of: 18-19/12/2017.
- A program in: **new faculty** which has held at KSU, Deanship of Skills Development through the academic year 2016-2017 for a total of 36 training hours.

- A program in: **Financial awareness and saving culture** which has held at KSU, Deanship of Skills Development during period of 5/3/2018 for a total of 4 training hours.
- A workshop in **Electronic Performance Management System(ITQAN)** which held at applied medical sciences during the period of 12-3-2018 for a total of 2 hours.
- A workshop in **Western blot from principle to troubleshooting** which held at central lab at KSU during the period of 16-19 -4 -2018 for a total of 16 hours.
- Completing the International Association for continuing education and training (**IACET**) train-the trainer certificate program which has held at KSU, Deanship of Skills Development during period of April 24-25-2018.
- A program in **professional Photography of Events Using Mobile** which held at KSU during the period of 12 -03 -2019 for 4 training hours.
- A program in **Assessing by MCQ**, which was held at KSU during the period of 25-04 -2019 for 5 training hours.
- A program in **Multidisciplinary Research** which was held at KSU during the period of 07-03 -2019 for a total of 4 training hours.
- Attended The 5<sup>th</sup> forum of local ethic committees (IRBs) that was held at king abdulaziz city for science and technology on Thursday 12 September 2019.
- A program in **Cloud Storage** which was held at KSU during the period of 15-10 -2019 for a total of 4 training hours.
- A program in **Social Responsibility** which was held at KSU during the period of 11-11 -2019 for a total of 4 training hours.
- Attended The **Updates in Laboratory Medicine & Pathology Symposium** that was held at king Fahad Medical City (KFMC) , Riyadh, on December 15-17, 2019
- Updates in laboratory medicine & pathology Symposium in King Fahad Medical City, Riyadh on December 15-17, 2019.
- A program in **Course Specification and Report** which was held at KSU during the period of 20-01 -2020 for a total of 6 training hours.
- A program in **Electronic Exams Learning Management System (LMS) Blackboard** which was held at KSU during the period of 11-03 -2020 for a total of 3 training hours.

## Teaching experiences

- Teaching as demonstrator in department of College of Applied Medical Sciences, Clinical Laboratory Science (1422H-2001).
- Teaching as Lecturer in College of Applied Medical Sciences, Clinical Laboratory Science (from 18-12-1427H).
- Teaching as assistance professor 26-4-1438 H in College of Applied Medical Sciences, Clinical Laboratory Science (from 18-12-1427H).
- The courses instructor of number of courses:
  - Advanced immuno-hematology (master course)
  - Specialized medical hematology (master course)
  - Clinical practice hematology
  - Independent study
  - Lab management

## Academic Publications and Conferences:

1. Nuha Mahmoud Hamdi, Haya Salem Al-Juray, Haifa M. Al-Nafea, Roaa Adnan Safar, Khulood Mohamed Al Eisa, Nagwa Mohamed A. Aref. Evaluate the Sustainability of Viral Response to Antiviral Treatment by IL33 Assessment among Hepatitis C virus Saudi Patients. *Clinical Medicine and Diagnostics* 2016, 6(6): 129-136 DOI: 10.5923/j.cmd.20160606.01.

2. Haifa M Al-Nafea, Nuha M Hamdy, Nagwa M A Aref. Lymphocyte subset and anti-HLA in AIDS Saudi patients. *Research Journal of Allergy and Immunology*.2016 Volume 1 Issue 1.

3. Nagwa M. Aref, Haifa M. Al-Nafea and Nuha M. Hamdy (Abst. No.44). Interleukin-27 is differentially associated with CD4+ T cell counts in HIV Saudi patients under highly active antiretroviral therapy. Egyptian Society of Virology The 6th International Conference of Virology viral risks and environmental changes the Role of national & international organizations. November 29 – December 2, 2016. Hurghada, Egypt.

4. Haifa M. Alnafea and Nagwa M. Aref .Evaluation of Interleukin 17 Level as a Prognostic Marker in Active Antiviral Treated Human Immunodeficiency Virus in Saudi Patients. Poster presentation: The seventh scientific research day by dean of research KSU. 25-26 April 2017. KSU campus-building 30.

5. Haifa M. Al-Nafea, Nouha M. Hamdy, Nagwa M. A. Aref, Evaluation of Interleukin 17 Level as a Prognostic Marker in Active Antiviral Treated Human Immunodeficiency Virus in Saudi Patients. *American Journal of Biochemistry*.2017; 7(2): 13-22.doi:10.5923/j.ajb.20170702.01

6. Haifa M. Al-Nafea, Nouha M. Hamdy, Nagwa M. A. Aref, Interleukin-27 is Differentially Associated with CD4+ T Cell Counts in HIV Saudi Patients under Highly Active Antiretroviral Therapy. *International Journal of Internal Medicine* 2017, 6(2): 27-32. DOI: 10.5923/j.ijim.20170602.01

7. Haifa M. Alnafea. Evaluation of Interleukin 17 Level as a Prognostic Marker in Active Antiviral Treated Human Immunodeficiency Virus in Saudi Patients. participating as a Poster Presenter at The Future of Applied Medical Specialties Conference Towards 2030 held at the InterContinental Hotel, Riyadh, Saudi Arabia on the 26th, 27th and 28th of November, 2018.

## Teaching Philosophy

Professional clinical laboratory biologists and researchers need to have knowledge about a basic understanding of diagnostic microbiology, biochemistry, hematology and histopathology, and the basics of scientific decision making to diseases diagnosis. Also they need to locate scientific information, evaluate the results of routine and diagnostic test that to inform a clinical diagnostic decision.

Through teaching students in this field I believe I could help them to understanding the theoretical background and practical skills to inform student's decisions about different laboratory tests based on the patients' need which enlighten clinicians' choices about diagnostic procedures for disease management. Also, I help students value their role in advancement of the sensitivity and precision of clinical diagnostic tests which resulted in prevention, early detection and management of epidemic disease locally and worldwide.

To do so, I prepare my teaching sessions in cooperative way through active learning. I use problem solving techniques, cases study and discussion by encouraging students in the classroom. All these ways will help students to be understanding the theoretic part and increased the ability of them to analyses, evaluate and discussion the cases patients. Also, these ways help me to assessment accommodating of students in theoretical parts and improved the diagnosis skills in the students.

In addition, our courses usually included two parts: theory and practical parts. Many objectives in my teaching philosophy could be achieved through the practical part. Because through this part, the students have a good chance to do many practices of tests, understanding methodology, performed procedures of tests by using human samples, comment on results and give her or his suggestion to further test to confirm the final diagnosis. Fortunately, the practical part was given by another lecturer which strength the fortunately, the practical part was given by another lecturer of course and support the knowledge and skills of students. In addition, exchange of experiences between the lectures improved Effective learning. The technology is very effective in the learning process. So incorporating technology in the classroom is a must, not only to engage students but to prepare them for the rapidly growing and changing world. The best teachers are those that never stop learning and continue striving to improve. I enjoy being able to connect learning to actual patients. Teaching is a part of my daily life as an academic in clinical laboratory sciences, and I enjoy it tremendously. Given the frequent innovations and discoveries in medicine, both teaching and learning are on-going processes to which I will continue to dedicate my utmost attention.