

## Curriculum vitae

### Personal Data:

- Name: *Amar Babikir Elhoussein Elhassan.*
- Birth date: 26 – 9- 1981.
- Religion: Islam.
- Nationality: Sudanese.
- Gender: Male.
- Marital status: Married and father for two daughters.
- Email: [Ammarbab@yahoo.com](mailto:Ammarbab@yahoo.com).  
[Ammarbab@hotmail.com](mailto:Ammarbab@hotmail.com).
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### Language:

- *Arabic*: Mother language.
- *English*.

### Current position:

*Assistant Professor of Biochemistry and Molecular Biology, Faculty of Medicine, Nile University, Khartoum - Sudan.*

### Education and Qualification:

**2013 - 2016**

**PhD of Biochemistry** - Faculty of Medicine – *University of Bahri*- Khartoum – Sudan.

**2009 - 2011**

**MSc. Of Biochemistry** by courses and research - *University of Khartoum*.  
*Khartoum* – Sudan

**2003 – 2006**

**Intermediate diploma in computer engineering** – Faculty of Engineering and Technology – *University of Gezira* – Wad-Madani – Sudan.

**2000 - 2005**

**Bachelor of Clinical Biochemistry** – Faculty of Medical Laboratory Science – *Omdurman Islamic University*. Omdurman - Sudan.

**1996- 1999**

Karray Ideal Secondary School - Omdurman – Sudan.

**1988-1995**

Elthoura- EL- Hara 10 Basic School- Omdurman – Sudan.

## **Experience:**

### **Teaching Experience:**

- Teaching all branches of Biochemistry including; Water and pH, acid – base balance, Chemistry and metabolism, of macromolecules, (Carbohydrates, Protein, Lipid, and Nucleotide), Integration of metabolism, Metabolism of drugs and Xenobiotics, Genetics, Enzymology, Hormones and Basic Immunology.
- Teaching Medical Biochemistry to Medical Students, Pharmacy, Dental Medicine, and Medical Laboratory Science, Nursing, Physiotherapy, Radiology, and Health Sciences Students.
- Supervising for the Practical of Biochemistry to Medical, Pharmacy, Dental Medicine, Medical laboratory Science, Nursing school, and other Health Sciences students.
- Practical parts of: Basic Biochemistry, Clinical Biochemistry, Enzymology, Hormones and Molecular Biology.
- Teaching Clinical Chemical Pathology for Medical Laboratory students.
- Experience in Problem Base Learning program (PBL).

#### **2016 – Up to date**

Assistant Professor of Biochemistry – Faculty of Medicine – Nile University–  
Khartoum – Sudan

#### **2017 – 2019**

Assistant Professor of Biochemistry, Department of Biochemistry – Faculty of  
Pharmacy – University of Science and Technology - Omdurman – Sudan.

#### **2017 – 2018**

External Examiner for Medical Students. Faculty of Medicine, Nile Vali  
University- Atbara – Sudan.

#### **2011 - 2014**

Lecture of Biochemistry – Faculty of Medicine – Najran University – Najran –  
Saudi Arabia.

#### **2010 - 2011**

Lecturer of Biochemistry- Faculty of Medicine - Nile University - Khartoum –  
Sudan.

#### **2007 - 2010**

Teaching Assistant .Department of Biochemistry – Faculty of Medicine - Nile  
University - Khartoum –Sudan.

**2007 - 2010**

Part-time Teaching Assistant - Faculty of Medicine and Health Sciences-  
International University of Africa - Khartoum –Sudan.

**2005 - 2010**

Part-time Teaching Assistant of Biochemistry- College of Medical laboratory –  
Juba University - Khartoum –Sudan.

**2005 - 2010**

Teaching Assistant - Department of Biochemistry – College of Medicine -  
University of Juba Khartoum - Sudan.

**None Teaching Experience:**

**2017 - 2019**

Supervision of Biochemistry and Molecular Biology Department, Faculty of  
Pharmacy, University of Science and Technology, Omdurman – Sudan.

**2012 – 2014**

Chairman of Training and Development Committee, Department of Medical  
laboratory Science, College of Applied Medical Science Najran University.

**2012 – 2014**

Academic Advisor for Medical laboratory students, College of Applied Medical  
Science, Najran University.

**2012 -2014**

Member of the Measurement and Evaluation Commission. College of Applied  
Medical Science Najran University.

**2012 -2014**

Member of the Medical laboratory Science Board, College of Applied Medical  
Science Najran University.

**2012 -2014**

Academic coordination of Renal System Course, College of Medicine, Najran  
University.

**2012 -2014**

Member of Quality Control and Development Commission College of Applied  
Medical Science Najran University.

**2012 -2014**

Member of Accreditation team - College of Applied Medical Science Najran  
University.

## 2011 - 2014

Member of the laboratories, equipment and infrastructure committee-College of Medicine, Najran University

## 2011 - 2014

Rapporteur of the Department of Biochemistry, College of Medicine, Najran University.

## Training:

- Training in Molecular Biology and Immunology Techniques - Commission of Biotechnology – Khartoum - Sudan.
- Training in Clinical Chemistry - Omdurman Teaching Hospital.
- Training in Radioimmunoassay - Sudanese Atomic Energy Corporation.
- Training in Toxicology – Sudanese Criminal Laboratory.

## Courses:

- *Introduction to Bioinformatics Course – IBT-2020-12/May 2020 – 20/August/2020. Pan African Bioinformatics Network and University of Cape Town.*
- *Basics of Scientific Research and Scientific Writing (Medical and Health Sector) 28/11 -6/12/ 2018 - Khartoum University for Advanced Training. Omdurman – Sudan.*
- *System and Method of University Teaching 5 -12/11/2018. - Khartoum University for Advanced Training. Omdurman – Sudan.*
- *Course in the ethics of the medical profession and health 14/10/2018 - Sudan National Council for Medical and Health Profession. Omdurman – Sudan.*
- *The art of dealing with work pressure. Deanship of community service and continuing education, 13 – 15 /4/ 2014. Saudi Arabia. (9 CME/PD).*
- *Powerful Presentation 26 – 27 \11\2013 – Deanship of Quality and Development – Najran University - Saudi Arabia.*
- *Academic Advising - 27 – 28 \4\2013 – Deanship of Quality and Development – Najran University- Saudi Arabia.*
- *Infection control week, Saudi Commission for Health specialist and Najran armed hospital - Saudi Arabia. (10 CME/PD)*
- *Systems of examinations and students assessment - 26 – 27 \11\2012 – Deanship of Quality and Development – Najran University - Saudi Arabia.*
- *Adaptation with changes, Deanship of community service and continuing education, 17 – 20 /11 / 2011 - Saudi Arabia. (16 CME/PD)*

- *Swine flu (Influenza H1N1): The threatening disease of 2009. Saudi Commission for Health specialist and Najran University, Deanship of community service and continuing education, 30/11/2011 - Saudi Arabia. (10 CME/PD)*

### **Skills:**

- Excellent skills in Microsoft Windows, Office Word, Office Excel and Office Access programs.
- Excellent experiences in Biostatistics and good skill using SPSS program.
- Good experiences in samples collection preparation and extraction for DNA analysis.
- Good knowledge in using PCR machines and PCR protocol preparation.
- Expert in Immunological technique specially ELISA techniques.
- Ability to work in group.
- Good communications skills (personal/face to face and in writing).
- Planning/time management.
- Management/leadership.
- Ability to Create a Positive Learning Environment.
- Ability to classroom management and organization.
- Critical thinking, ability to solve a variety of problems, often under a tight deadline.
- Ability to motivate students to do their best.
- Ability to deal with student conflict.

### **Membership:**

- Member of Sudanese Association for Biochemistry and Molecular Biology.
- Sudan National Council for Medical and Health Profession.

### **Prizes:**

**Ronald Ross Award-2014 in Biochemistry – Photon Organization.**

## **Publications:**

1. Eltayeb A, **Elhussein AB**. *Oral Cancer Awareness among Smokeless Tobacco (Toombak) Dippers*. EC Dental Science. 2020; 19:46-55.
2. **Elhussein AB**, Mohamed OE, Babikr WG, AlSayed MI. *Vitamin D Deficiency Among Type 2 Diabetic Patients in Najran Area, Saudi Arabia*. Zagazig University Medical Journal. 2020 May 2.
3. MohammedSalih KA, Khalil AA, Musa AM, Ahmed MA, **Elhussein AB**. *Role of Toll Like Receptor 2 and 4 (TLR2 and TLR4) in Susceptibility and Resistance to Mycobacterium Tuberculosis Infection among Sudanese Patients*. Archives of Microbiology & Immunology. 2020; 4:011-25.
4. **Elhussein AB**, Kawthar A Mohammedsalih, Walid G. Babikr, Omar E Fadlelseed, Soad M Alfadol, Ashraf Naeem, NourElhouda A A Rahma and Mohammed H F Shalayel. *Role of serum circulatory IgE and TNF- $\alpha$  level and interleukin 4 – 590C/T polymorphism in Sudanese children with severe falciparum malaria*, Vol. 11, Issue, 11, pp.7986-7992, November, 2019.
5. Md Ayed H, **Elhussein AB**, Omar E F, Walid G B, Njood M A et al. *Study of Circulating Adiponectin Level in Children with Type 1 Diabetes Mellitus in Najran-KSA*. Curre Res Diabetes & Obes J. 2018; 9(1): 555755. DOI: 10.19080/CRDOJ.2018.09.555755.
6. **Elhussein AB**, Huneif MA, Shoaiib OM, Hassan EE. *Evaluation of Thyroid Autoimmunity in Type 1 Diabetes Mellitus with Respect to Gender*. IJSR, 2018; 7(6); 463-466.
7. Fadlelseed OE, Osman ME, Shamseldin NM, **Elhussein AB**, Adam I. *Plasmodium falciparum genotypes in matched peripheral, placental and umbilical cord blood in an area characterized by unstable malaria transmission in eastern Sudan*. Heliyon. 2017 Jan 6; 3(6):e00326.
8. Babikr WG, Aedh AI, Ahmed AM, Abdelraheem A, Alasmay M, **Elhussein AB**, Alijla AR, Ahmed MM, Assiri AM, Al-Qahtani AM, Younis AA. *Assessment of knowledge, attitude and practice of diabetic people in Najran, Kingdom of Saudi Arabia*. International Journal of Research in Medical Sciences. 2017 Apr 26;5(5):2150-5.
9. Hassan EE, Elagab EA, Mohammed HB, Abdelgader AE, **Elhussein AB**, Huneif MA. *Distribution of Thyroid Autoantibodies in Saudi Children with type 1 Dm and their effect on Glycemic Control*. Biomedical and Pharmacology Journal. 2017 Mar 25; 10(1):29-35. ISI Journal.

10. Shalayel MH, Asaad AM, Qureshi MA, **Elhussein AB**. *Anti-bacterial activity of peppermint (Mentha piperita) extracts against some emerging multi-drug resistant human bacterial pathogens. Journal of Herbal Medicine.* 2017 Mar 31; 7:27-30. **ISI Journal.**
11. Dawod OY, **Elhussein AB**, Ahmed MA, Elbadawi NE, Musa OA. *Correlation of Osteocalcin Level with Blood Glucose Concentration and Insulin Level in Type II Diabetic Sudanese Patients.* International Journal of Medical Research & Health Sciences. 2017 Jan 1; 6(10):87-92.
12. **Abdelraheem AH**, **Elhussein AB**, Magzoub AA, Babikr WG. *Impact of the underlying cause and co-morbid conditions on the outcome of hepatic encephalopathy.* International Journal of Research in Medical Sciences. 2017 Jan 2;4(6):2014-2017.
13. Helali RG, Abdelrahman NA, **Elhussein AB**, Babikr WG. Knowledge, Attitude and Practice Concerning using Cosmetic among Females at Najran University, Saudi Arabia. *IOSR-JPBS*11 (6r. IV .2016), PP 46-50.
14. Taha HS, Mohammed TA, Abdlegader AE, **Elhussein AB**, Nabag MG, Nourain I. *Assessment of Hypercoagulability (Platelet Count and Indices) in Sudanese Patients with Acute Myeloblastic Leukemia.* *IJSR.* (5) 11. 2016.
15. BABIKR WG, **ELHUSSEIN AB**, ABDELRAHEEM A, MAGZOUB A, MOHAMED H, ALASMARY M. *The Correlation of Uric Acid Levels with Glycemic Control in Type II Diabetic Patients.* *Biomed Pharmacol J* 2016; 9(3). **ISI Journal.**
16. Babikr WG, Shalayel MH, Abdelraheem AH, **Elhussein AB**. *Impact of Body Mass Index on Hypomagnesemia and Hypocalcemia in Type 2 Diabetic Patients.* *Biomedical and Pharmacology Journal.* 2016 Dec 22;9(3):933-40. **ISI Journal.**
17. Babikr WG, Ahmed Abdelraheem AI, Alshehri H, **Elhussein AB**. *Cerebellar ataxia and parkinsonism owing to a couple of intracranial arachnoid cysts in a patient with multiple skeletal deformities.* *International Journal of Medical Science and Public Health.* 2016;5(8):1742-4
18. Abdelgabar SA, Babikr WG, **Elhussein AB**, Hummeida ME. *Risk of respiratory morbidity in elective cesarean delivery outcome infants at term.* *International Journal of Medical Science and Public Health.* 2016 May 1; 5(5):973-8.
19. Shalayel MH, Asaad AM, Qureshi MA, **Elhussein AB**. *Anti-microbial action of peppermint (Mentha piperita) oil extract.* *Wulfenia* 09/2015; 22(9):353-367. **ISI Journal.**

20. **Elhussein AB**, Huneif MA, Naeem A, Fadlelseed OE, Babikr WG, Rahma NE, Ahmed SA, Ayed IA, Shalayel MH. *Correlation of interleukin-4 levels with Plasmodium falciparum malaria parasitaemia in Sudanese children. Acta Clinica Belgica.* 2015 Nov 2; 70(6):414-8. **ISI Journal**
21. Hassan DA, **Elhussein AB**, Fadlelseed OE, Babikr WG, Idris OF. *Lipid Profile and Glycated Hemoglobin (HbA1c) in Diabetic Sudanese Patients. IJSR,* 2015; 4- 2 1813.
22. Shalayel MH, **Elhussein AB**, Fadlelseed OE, Naeem A, Elsheikh OM. *Glutathione peroxidase (GPx) activity in platelets of patients with malaria parasitaemia caused by Plasmodium falciparum. Sky Journal of Biochemistry Research.* 2014 Vol. 3(4), pp. 037-041.
23. Shalayel MH, **Elhussein AB**, Fadlelseed OE, Abdelgadeir AEA., Naeem A, Elsheikh OM. *Platelets malondialdehyde levels in thrombocytopenic malaria patients caused by Plasmodium falciparum. The Journal of Physiology and Health. Photon.* 2014; 110, 305-309.