

CV

Dr. Awad-Elkareem Abass, PhD

Assistant Professor of Biomedical Sciences, (*Hematology & immunohematology*)

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EDUCATION:

- **Ph.D. in Biomedical Sciences, (*Hematology section*)**, Ferrara University, Italy, 2012

Research title: Molecular cytogenetic investigations in chronic B-cell lymphoproliferative disorders: novel mitosis stimulators and clonal evolution

- **MSc. in Medical Laboratory Sciences, (*Hematology & Immuno-hematology*)**, Khartoum University, Sudan, 2008

Research title: Haematological findings in Kala-azar/ HIV co-infected patients including T.lymphocytes differential count by both flowcytometry and double immunocytochemistry

- **BSc. (Honor/first class) in Medical Laboratory Sciences, (*Hematology & Immuno-hematology*)**, Khartoum University, Sudan, 2002

SCHOLARSHIPS/HONOURS:

-**Ph.D scholarship**, Ministry of Higher Education & Scientific Research, Ministry of Higher Education, Sudan, 2009.

- **MSc scholarship**, German Academic Exchange service (DAAD), Germany, 2006.

- **BSc Honour (First class)** - Khartoum University, Sudan, 2002

ACADEMIC APPOINTMENTS EXPERIENCE:

- **Assistant professor**, Faculty of Medicine and Applied Medical Sciences, Northern Boarder University, Saudi Arabia, 09/2013- present.

- **Assistant professor**, Faculty of Medical Laboratory Sciences, Khartoum University, Sudan, 05/ 2012- 08/2013.

- **Lecturer**, Faculty of Medical Laboratory Sciences, Khartoum University, Sudan, 05/ 2008- 05/2012.

- **Teaching Assistant**, Faculty of Medical Laboratory Sciences, Khartoum University,

Sudan, 03/ 2003- 05/2008.

ADMINISTRATIVE & PROFESSIONAL WORKS:

Administrative Positions Held

- **Head, Quality & academic accreditation Unit**, Faculty of Applied Medical Sciences, Northern Boarder University, Saudi Arabia, 04/2017- present.
- Supervisor of Bridging program**, Faculty of Applied Medical Sciences, Northern Boarder University, Saudi Arabia, 04/2015- present.
- Deputy Dean**, Faculty of Medical Lab. Sciences, Khartoum University, Sudan , 01/2013- 01/2014.
- Head department of Hematology**, Faculty of Medical Laboratory Sciences, Khartoum, University, Sudan, 07/2012- 04/2013.
- Supervisor of Biomedical and molecular biology laboratory**, Faculty of Medical Lab. Sciences, Khartoum University, Sudan, 06/ 2012- 07/2013.

Professional/Industrial Positions Held

- Research fellow** (full time), Biomedical Sciences Department, section of Hematology, S. Anna Hospital, Ferrara University- Italy, 01/2009-03/2012.
- Medical lab. Scientist** (part time), Fedail Hospital- Sudan, 01/2008- 07/2008.
- Medical lab. Scientist** (part time), Mawda Hospital –Sudan, 01/2006-07/ 2008.
- Research assistant** (part time), Ministry of Sciences and Technology- Sudan, 01/2003-01/ 2007.
- Research assistant** (part time), Suba University Hospital-Sudan, 04/0004-04/2008.

Faculty / departmental committee's participations

- **Member-Faculty Board**, Faculty of Applied Medical Sciences, Northern Boarder University, Saudi Arabia, 01/2022- present
- Head- Curriculum committee**, Faculty of Applied Medical Sciences, Northern Boarder University, KSA, 09/ 2015- 2017
- **Accreditation Coordinator**, MLT program at Northern Border University, By National Commission for Academic Accreditation & Assessment- Saudi Arabia, 11/2014- 06/2015
- Member of Curriculum development committee**, Faculty of Medical Laboratory Sciences, Khartoum University, Sudan, 05/2012- 08/ 2013
- Secretary -Research Board**, Faculty of Medical Lab. Sciences, Khartoum University, Sudan, 01/2013- 01/2014
- Member-department Board**, Faculty of Applied Medical Sciences, Northern Boarder University, KSA, 10/2013- present
- Member-Senate**, Khartoum University, Sudan, 07/2012- 12/2013

-**Member-Faculty Board**, Faculty of Medical Lab. Sciences, Khartoum University, Sudan, 05/2008- 12/2013

-**Coordinator - MSc postgraduate program- Hematology section**, Faculty of Medical Lab. Sciences, Khartoum University, Sudan, 05/ 2012- 08/2013

TRAINING:

Courses & workshops attended in education

-Academic accreditation, Northern Border University/ KSA, 12/ 2020

-Strategic plan, Northern Border University/ KSA, 11/ 2019

-Blackboard, Northern Border University/ KSA, 03/ 2019

-Program and course specification, Northern Border University/ KSA, 02/ 2019

-Banner system, Northern Border University/ KSA, 03/ 2018

-Effective teaching strategy, Northern Border University/ KSA, 09/ 2015

-Blackboard, Northern Border University/ KSA, 05/ 2014

-Digital Library course, Northern Border KSA University, 11/ 2013

-Education Professional course, Khartoum University/Sudan, 11/ 2003

Specialized professional training

-Research Methodology course, University of Khartoum/Sudan, 11/ 2007

-Leadership Workshop, Suez Canal University, 01/2006

-Total Quality Management Workshop, Suez Canal University, 12/2005

-Statistical Analysis Workshop, Suez Canal University, 11/2005

-Statistic and Experimental Design course, Ministry of Health/Sudan, 07/2004

-Scientific Writing course, Ministry of Health/Sudan 03/2004

Courses & workshops attended in Biomedical Science

-**Advance course in molecular hematology** towards medical research and diagnosis, Ministry of Health, Sudan, 06/2012

-**Stem cells course**, Ferrara University, Italy, 06/2009

-**Angiogenesis, cellular regeneration course**, Ferrara University, Italy, 05/2009

-**Blood diseases& blood-forming organs course**, Ferrara University, Italy, 03/2009

-**Molecular diagnosis** of Leishmania/Malaria/TB, Elnileen University, Sudan, 11/2007

-**Simplified rapid Molecular diagnostic tests** for diagnosis of Leishmania & Trypanosoma course, Makerere University, Uganda, 2006

-**Flowcytometry course**, Suez Canal University, Egypt, 12/2005

-International Training course of Clinical Immunology for Diagnosis of Infectious Diseases & Total Quality Management, Suez Canal University, Egypt, 11/2005

-**Molecular Biology course level 1 & 2**, Ministry of Health, Sudan, 04/2004

TEACHING & EXAMINATION EXPERIENCE:

My work experience includes about 20 years of continuous experience in Higher Education; progressing from teaching assistant to lecturer, and assistant professor. *I'm specialized in teaching courses of hematology/Hemostasis & immune-hematology.* I used to teach these courses in Medical Laboratory Sciences program for both undergraduate and postgraduate students at both sides of class and lab bench.

i) Undergraduate courses

Course Title	Credit hours	Semester/year	Faculty
Hematology-1, MLT 205	2	Two/2 nd y	Faculty of applied Medical Sciences, Northern Boarder University, KSA
Hematology-2, MLT 312	3	One/3 rd y	Faculty of applied Medical Sciences, Northern Boarder University, KSA
Clinical Rotation- Hematology MLT441	3	One/4 th y	Faculty of applied Medical Sciences, Northern Boarder University, KSA
Blood Bank , MLT 314	2	Two/3 rd y	Faculty of applied Medical Sciences, Northern Boarder University, KSA
Clinical Rotation- Blood Bank MLT 414	4	One/4 th y	Faculty of applied Medical Sciences, Northern Boarder University, KSA
Laboratory Medicine	3	One/4 th y	Faculty of medicine, Northern Boarder University, KSA
Transfusion safety	2	One/6 th y	Faculty of medicine, Northern Boarder University, KSA
Research Project MLT 492	2	Two/4 th y	Faculty of applied Medical Sciences, Northern Boarder University, KSA
Stem cell Technology	2	One/4 th y	Faculty of applied Medical Sciences, Northern Boarder University, KSA
Basic Hematology	1	One /2 nd y	Faculty of Medical Lab., Sciences, Khartoum University, Sudan
Immuno-hematology	1	Two /2 nd y	Faculty of Medical Lab. Sciences, Khartoum University, Sudan
Anemias& Leukemias	1	One/3 rd y	Faculty of Medical Lab. Sciences,

			Khartoum University, Sudan
Hemostasis & Bleeding disorders	1	Two/3 rd y	Faculty of Medical Lab. Sciences, Khartoum University, Sudan
Advanced Hematology	4	One,Two/3 rd y	Faculty of Medical Lab, Sciences, Khartoum University, Sudan

ii) Postgraduate Courses

Course Title	Credit hours	Semester/year	Faculty
Advanced,Hematologic Technique HEM 605	1	One/1 st y	Faculty of Medical Laboratory Sciences, Khartoum University
Hemolytic Anemias, HEM 602	1	Two/1 st y	Faculty of Medical Laboratory Sciences, Khartoum University
Acquired Hemolytic Anemias,HEM 604	1	Two/ ^{1st} y	Faculty of Medical Laboratory Sciences, Khartoum University
Hereditary Hemolytic Anemias ,HEM 606	1	Two/ ^{1st} y	Faculty of Medical Laboratory Sciences, Khartoum University
Heam Defect ,HEM 608	1	Two/ ^{1st} y	Faculty of Medical Laboratory Sciences, Khartoum University
DNA Defect ,HEM 610	1	Two/ ^{1st} y	Faculty of Medical Laboratory Sciences, Khartoum University
WBCs Disorders,HEM 701	2	One/2 nd y	Faculty of Medical Laboratory Sciences, Khartoum University
Hereditary Hemostatic disorders, HEM 703	2	One/2 nd y	Faculty of Medical Laboratory Sciences, Khartoum University
Acquired Hemostatic disorders, HEM 705	2	One/2 nd y	Faculty of Medical Laboratory Sciences, Khartoum University
Diagnostic Genetics, HIS 604	1	One/2 nd y	Faculty of Medical Laboratory Sciences, Khartoum University
Immunohistochemistry, HIS 709	1	One/2 nd y	Faculty of Medical Laboratory Sciences, Khartoum University

SKILLS/COMPETENCES IN BIOMEDICAL SCIENCES:

My work experience includes about 20 years of continuous experience in diagnostic laboratories including Haematology, Blood Bank, Histopathology, Microbiology, Parasitology and Clinical chemistry. *I am a specialist scientist performing a wide range of haematology investigations.*

SCIENTIFIC CONFERENCES, MEETINGS & SYMPOSIA:

- *Attended*, Saudi Medical Education conference –King Khalid University, Sudan, 2022
- Coordinator*, Hematology scientific Day-Khartoum University, Sudan, 2012
- Presenter*, CD38+/- B-CLL: Chromosomal Aberrations detected by FISH and their prognostic impacts, Hematology symposia ,Ferrara University, Italy, 2009
- Attended*, 1st Scientific meeting of Sudanese Society of Clinical Biology –Khartoum University, Sudan, 2007
- Presenter*, Scientific Meeting in Diagnosis of V.leishmaniasis in Sudan-Makarere University, Uganda, 2006
- Attended*, The 6th African congress of Health and Food, Suez Canal University, Egypt, 2005

RESEARCH:

Supervision of Research work

- i) Undergraduate: 11 students
- ii) Postgraduate Supervision (Higher Research Degrees)
 - 1) Master : 8 students
 - 2) PhD: 11 students

Publications

1- **Awad-Elkareem Abass**, Platelet Distribution Width and Preeclampsia: A Meta-Analysis. (2022). Pakistan Journal of Medical & Health Sciences 16 (06), 889-889

2-Albara Ahmed, Babiker A. Mohamed, **Awad-Elkareem Abass**, Mosab Nouraldein Mohammed Hamad.(2021). Natural Inhibitor; Antithrombin and Protein S Levels among Neonates Suffering from Sepsis. MAR Case Report; 1-12

3. Albara Ahmed, Babiker A. Mohamed, Abdelhalim Nasr, Wafa Elhag, **Awad-Elkareem Abass**, Mosab Nouraldein Mohammed Hamad. (2020). Protein C Level and Activated Partial Thromboplastin Time in Neonatal Sepsis. EC EMERGENCY MEDICINE AND CRITICAL CARE. 4.11

4- Ahmed Mustafa, Naser Bilal, **Awad-Elkareem Abass**, Elhassan M Elhassan, Ishag Adam. (2018). The association between Helicobacter pylori seropositivity and low

birthweight in a Sudanese maternity hospital. International Journal of Gynecology & Obstetrics. 143(2).

5- **Awad-Elkareem Abass**, Imad R. Musa, Duria A. Rayis, Ishag Adam, Gasim Gasim I. (2017). Glycated haemoglobin (Hb A1c) and Red Blood Cell Indices in non- diabetic pregnant women. Clinics and Practice. 7(4): 999

6-**Awad-Elkareem Abass**, Noon mobasher, Fatima Ali, Randah Salah, Nada Mohamed. (2017). Haematological and Biochemical findings of Hair Dye Poisoning. Journal of Pharmacy IOSR. 7(12): 6-10

7-Moal S. A. Ahmed, **Awad-Elkareem Abass**, Amira A. K. Humeida. (2017). Assessment of Homocysteine level in H.pylori infected Sudanese patients. International Journal of Multidisciplinary and Current Research. 5: 1398-1400

8-Ethar A. Hussein, Hiba A. Mohamed, Hiba M. Elhassan, Rayan A.Elamin, Saadia M. Ibrahim, Sara T. Fadul-Alla, **Awad-Elkareem Abass**. (2017). Platelets Indices and Glycated hemoglobin (Hb A1c) in Gestational Diabetes Mellitus. SJAMS. 5:

9-Marwa M. Mohamed, Nora M. Mahgoub, Nada M. Osman, Sahar S. Saeed, Thuwaiba Y. Elmubark, **Awad-Elkareem Abass**. (2017). Reference Value of Neutrophil-Lymphocyte Ratio in Healthy Sudanese in Khartoum. SJAMS. 5:

10- Fatima Eissa, Fatima Elkhieder, Suher Awad, Eatedal Mukhtar, Reham Ahmed, Hiba Basheer And **Awad-Elkareem Abass**.(2017). The Correlation between Maternal Hemoglobin level and neonatal birth weight. IJMCR, 5: 506-509.

11-**Awad-Elkareem Abass**, Salaheldeen G Elzaki, Hanan Khalid et al. (2016). A low rate of Factor V Leiden mutation among Sudanese women with deep venous thrombosis during pregnancy and puerperium. International Journal of Gynecology and Obstetrics.

12-**Awad-Elkareem Abass**, Elsadig Adam, Haitham Badawi, et al. (2016). Investigation of Some Coagulation Parameters in Pregnant Women with Preeclampsia. Journal of Pharmacy and Biological Sciences IOSR, 11(04):88-91.

13-**Awad-Elkareem Abass**, Remaz Abdalla · Isra Omer , et al.(2016). Evaluation of Platelets Count and Indices in Pre-Eclampsia Compared to Normal Pregnancies. Journal of Dental and Medical Sciences IOSR, 15(07):5-8.

14-Eshtyag A. Elawad , **Awad Elkareem Abass**, et al. (2016). chronic immune thrombocytopenia and H. Pylori infection in Sudanese patients. International Journal of Advanced Research 4(3):1807-1813.

15-**Awad-Elkareem Abass**, Khalid O. Mohamed, Alaa A. Yosif, et al. (2016). Evaluation of serum vitamin B12 and ferritin levels in H. Pylori- associated gastritis. Journal of IOSR Pharmacy and Biological Sciences, 11 (1), 01-05.

- 16-**Awad-Elkareem Abass**, Thuwaiba Yassir, Yasmeeen Saeed, et al. (2016). Investigation of platelets count and indices in coronary artery diseases among Sudanese patients. Journal of IOSR Dental and Medical Sciences, 15(1)35-38
- 17- **Awad-Elkareem Abass**, Israa Ismail, RazazYahia, Eman Ali, Reem Mohammed, Sara Mohammed, Haifa Alamin, Adam Ali. (2015). Reference Value of Platelets Count and Indices in Sudanese Using Sysmex KX-21. International Journal of Health care Sciences, 3(2),120-125.
- 18- Reem Eltayeb Naser Bilal, **Awad-Elkareem Abass et al.** (2015). Macrophage migration inhibitory factor and placental malaria infection in an area characterized by unstable malaria transmission in central Sudan [version 1; referees: 1 approved]. F1000Research , 4:824
- 19- Amged G. Mostafa, Naser E. Bilal, **Awad-Elkareem Abass et al.** (2015). Coagulation and Fibrinolysis Indicators and Placental Malaria Infection in an Area Characterized by Unstable Malaria Transmission in Central Sudan,” Malaria Research and Treatment, vol. 2015, Article ID 369237, 7 pages,
- 20- Ammar Alim · Naser E.Bilal. **Awad-Elkareem Abass· Elhassan M Elhassan. Ahmed A Mohmmmed .Ishag Adam.** ((2015). Complement activation, placental malaria infection, and birth weight in areas characterized by unstable malaria transmission in central Sudan. Diagnostic Pathology, 10:49
- 21- Waleed M. Shahata, Hiba B. Khalil, **Awad Elkareem Abass**, et al. (2012). Blood group and Rhesus antigens among Blood donors attending the Central Blood Bank, Sudan. Sud JMS, 7(4), 245-48.
- 22- Cavazzini F, Rizzotto L, Sofritti O, Daghia G, Cibien F, Martinelli S, Ciccone M, Saccenti E, Dabusti M, **Elkareem AA**, Bardi A, Tammiso E, Cuneo A, RigolinGM. (2012). Clonal Evolution including 14q32/IGH translocations in Chronic Lymphocytic Leukemia: analysis of clinicobiologic correlations in 105 patients. Leuk Lymphoma, 53(1), 83-8.
- 23 Elisa Pezzolo, Luca Formigaro, Olga Sofritti, Giulia Daghia, Cristina Ambrosio, Lara Rizzotto, **Awad Elkareem Abass**, FiorellaD’Auria, PellegrinoMusto, and Antonio Cuneo. (2012). Employment of Oligodeoxynucleotide plus Interleukin-2 Improves Cytogenetic Analysis in Splenic Marginal Zone Lymphoma. Journal of Biomedicine and Biotechnology. 691493:7pages

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Personal Scientific page

<https://scholar.google.com/citations?user=PIkL1usAAAAJ&hl=ar>

SKILLS &COMPETENCES

Language skills;

Arabic; mother tongue

English; good in speaking, writing, listening

Computer skills; Experience in Microsoft office; Word, Excel, PowerPoint

E-learning skills; Blackboard

REFERENCES

- 1- **Prof. Dr. Syed Sajid Hussain, PhD in Pathology**, Northern Border University, KSA, prof.sajid99@gmail.com, Cell: +966537759649
- 2- **Prof. Dr. Ishag Adam, PhD in public Health**, Faculty of Medicine, Khartoum University, Sudan, ishagadam@hotmail.com, cell: +966537644287
- 3- **Prof. Dr. Antonio Cuneo, PhD in Hematology**, Ferrara University, Italy, antonio.cuneo@unife.it, (+39) 0532236977 office Telephone 0532236049 Fax