

CURRICULUM VITAE



Name: Dr. Abozer Y Elderdery, associate professor in Haematology and Immunohaematology.

Gender: Male.

❖ Qualifications:

1. **Doctor of Philosophy (PhD):** School of Pharmacy and Biomedical Sciences University of Portsmouth, UK, 2007 - 2010.
2. **Postgraduate Certificate:** Postgraduate Certificate in Scientific Research methods, School of University of Portsmouth Sciences University of Portsmouth, Portsmouth, UK, 2007 – 2008.
3. **Master degree (MSc):** Master degree in Haematology, University of Juba, Faculty of Medicine Khartoum, Sudan, 2003-2005.
4. **Qualifying year of science in Haematology:** University of Juba, Faculty of Medicine, Khartoum 2001 - 2002, Sudan.
5. **Bachelor degree (BSc):** University of Elimam Elmahadi, Faculty of Medicine and Health Sciences, Kosti, Sudan, 1994- 1999.

❖ Employment History

1. **Associate professor:** Clinical Laboratory Sciences, Faculty of Applied Medical Sciences, Jouf University, December/2013 up to date.
2. **Associate professor:** Haematology Department, ElimamElmahadi University, Faculty of Medicine and Health Sciences. October /2013 up to December/2013.
3. **Assistant professor:** Haematology Department, Elimam Elmahadi University, Faculty of Medicine and Health Sciences. May/ 2010 - September/2013
4. **Postdoctoral fellowship research:** School of Pharmacy and Biomedical Sciences, Portsmouth University, UK. May 2010 - March/2011
4. **Senior lecturer:** Haematology Department, ElimamElmahadi University, Faculty of Medicine and Health Sciences. April 2005 - May/2010

5. **Teaching Assistant:**Haematology, ElimamElmahadi University, Faculty of Medicine and Health Sciences. May / 2001 – 2004.
6. **Supervisor of Health Department:**Sudanese Red Crescent Society: Khartoum State branch. January/ 2000 - May/2001.

Teaching activities

I have been teaching the following courses since 2003:

- **Haematology -1:** The development of blood cells (haematopoiesis), structure and function fo Blood Components and RBCs disorders (anaemias)
- **Haematology -2:** hereditary, acquired, benign and malignant disorders of *haematological*systems.
- **Coagulation and Hemostasis:** the mechanism involved in coagulation and hemostasis
- **Immunohaematology:** the study of blood group antigens and antibodies. Donor selection, component preparation and use, and techniques used to detect antigen\antibody reactions which may adversely affect a patient receiving a transfusion.
- **Haematology-Clinical practice:**
- **Immuno-haematology – Clinical practice:** At hospital, students must recognize the practical and scientific principle of blood bank to be familiar with the basic diagnostic techniques used in a blood bank, understanding blood group systems with techniques of their determination
- **General pathology:**
- **Laboratory management - Lab Administration and Quality Control:**
- **Scientific research methods:**

Administration activities

- **Supervisor of the postgraduates studies,** Faculty of Applied Medical Sciences, Jouf University, February/ 2018 up to date
- **Chairman of the Scientific Committee,** Faculty of Applied Medical Sciences, Jouf University, July/ 2014 up to date
- **Chairman of the *New Program Committee,*** Faculty of Applied Medical Sciences, Jouf University, October/ 2015 up to date

- **Chairman of the Strategic Planning Committee**, Faculty of Applied Medical Sciences, Jouf University, December/ 2017 up to date.
- **A member in the Curriculum and Plans Committee**, Clinical Laboratory Sciences, Faculty of Applied Medical Sciences, Jouf University, Dec/ 2015 up to date.
- **Head of the Research Unit**, Elimam Elmahadi University, Faculty of Medicine and Health Sciences, from July/ 2011 - September /2013.
- **General supervisor** for camps refugees of Sudanese red crescent, Khartoum branch in Khartoum state, Sudan Sudanese March 2000 up to 2001
- **Head of health section**, Sudanese red crescent, Khartoum branch, Sudan

Published Papers

1. Daak AA, Elsamani E, Ali EH, Mohamed FA, Abdel-Rahman ME, **Elderderly AY**, Talbot O, Kraft P, Ghebremeskel K, Elbashir MI, Fawzi W. Sickle cell disease in western Sudan: genetic epidemiology and predictors of knowledge attitude and practices. Trop Med Int Health. 2016 May; 21(5):642-53. doi: 10.1111/tmi.12689. Epub 2016 Mar 29.
2. **Abozer Y. Elderderly** and Abdulaziz S Alshaiban: Reference Value Profile for Healthy Individuals from the Aljouf region of Saudi Arabia. J Hematol. 2017;6(1):6-11. doi: <https://doi.org/10.14740/jh316e>.
3. Ahmed A. Daak, **Abozer Y. Elderderly**, Leana M. Elbashir, Katia Mariniello, Jeremy Mills, Garry Scarlett, Mustafa I. Elbashir, and KebreabGhebremeskel, “Omega 3 (n-3) fatty acids down-regulate nuclear factor-kappa B (NF-κB) gene and blood cell adhesion molecule expression in patients with homozygous sickle cell disease,” Blood Cells, Molecules, and Diseases, vol. 55, no. 1, pp. 48–55, 2015.
4. **Elderderly AY**, Mills J, Mohamed BA, Cooper AJ, Mohammed AO, Eltieb N, Old J. Molecular analysis of the β-globin gene cluster haplotypes in a Sudanese population with sickle cell anaemia. Int J Lab Hematol. 2012 Jun; 34(3):262-6. doi: 10.1111/j.1751-553X.2011.01388.x. Epub 2012 Jan 20.
5. **Elderderly AY**, Mohamed BA, Karsani ME, Ahmed MH, Knight G, Cooper AJ Hemoglobinopathies in the Sudan. Hemoglobin. 2008;32(3):323-6 .

6. **Elderderly AY**, Alan Cooper, Babiker Mohamed, and Mills J. The Role of Consanguineous Marriage in the Prevalence of Hemoglobinopathies in the Sudan. *Al Neelain Medical Journal*, vol.1 No.3 November 2011.
7. **Abozer Y Elderderly**, Abdulaziz S Alshaiban, Abdelgadir A Abdelgadir, Durria M Elhussein, Mariam A Alnemer, Weaam A Alkhelaiwi, Yaqeen S Alshamikh, Alhnouf S Alruwaili, Bashayer M Alfaleh, Dalia I Alqyadh . Prevalence of Iron Deficiency Anemia amongst a Subset of Female Students at Jouf University, Sakaka, Saudi Arabia *Jouf University Medical Journal (AUMJ)*, September 1, 2016; Volume 3 (Number 3)
8. **Abozer Y. Elderderly** and Abdulaziz S Alshaiban Reference Value Profile for Healthy Individuals from the Aljouf region of Saudi Arabia. *J Hematol.* 2017;6(1):6-11. doi: <https://doi.org/10.14740/jh316e>.
9. Hassan Almarshad, **Abozer Y Elderderly**. Sickle cell anaemia in a Saudi population of Aljouf region. *Jouf University Medical Journal (AUMJ)*, 2016 March 1; 3(1): 24 - 29.
10. Eman Kabbara , Mudawi HM , Abdelraheem Osman Mohamed, **Abozer Y. Elderderly** , Hamdan Z Hamdan, Sayed Ibrahim Ali, Ahmed Mohamedain Eltom. Predictive Biomarkers of Hepatocellular Carcinoma in Sudanese Patients with Liver Cirrhosis. *International Journal of Science and Research (IJSR)*. Volume 5 Issue 6, June 2016.2319-7064.
11. Ahmed M. Elnour, **Abozer Y. A. Elderderly**, Dawelbiet A. Yahia, Babiker A. Mohammed, *Kamal H Elhassan*, Alan Cooper. Breast cancer susceptibility genes in Sudanese breast cancer patients under treatment in Khartoum. *Jouf University Medical Journal (AUMJ)*, 2016 June 1; 3(2): 25 - 32.
12. **Abozer Elderderly**; Babiker A Mohamed b; Samiah Hamad AL- Mijallic; Jeremy Millsd. First recorded case of haemoglobin SC in Sudan. *Hematology and Leukemia journal*, ISSN 2052-434X. March 2014.
13. Elnour, A, **Elderderly AY**, Mills, Jeremy, Mohammed, B., Abdelaal, D., Mohamed, A., Elhassan, K., Hady, A., Wahab, A. and Cooper, Alan (2012). *BRCA 1 & 2*

- mutations in Sudanese secondary school girls with known breast cancer in their families. *International Journal of Health Sciences*, 6 (1). pp. 63-71.
14. **Elderderly AY**, Babiker A Mohamed; Alan J. Cooper, Gavin Knight; Jeremy Mills. Tribal distribution of Haemoglobinopathies in a Sudanese Patient Population. *Journal of Medical Laboratory and Diagnosis* Vol. 2(4), pp. 31-37, August 2011.
 15. **Elderderly AY**, Mohamed BA, Mohamed A Eltoum, Hani B Abdelgalil. Schistosomiasis in Sudan and beyond. *Oncology News*. 2008; 3 (4).
 16. Morgan R, Thornton S, **Elderderly AY**, Hastie C. Prostate cancer progression – What can be learnt from global populations?, 2008, Rotterdam.
 17. **Elderderly AY**; SamiahHamad AL- MijallibHababAdil ; ArafaNasird ; DawElbietAbdelaald ; Bader EldeenHarroone , RahmaAbdElfataha. The Role of Consanguinity in the frequency of Sickle cell anaemia in North Kordofan state. *El imam El mahdiUniversity Scientific Journal*, vol. 2 No.3 November 2013.
 18. **Elderderly AY**, Babiker A Mohamed , SamiahHamad AL- Mijalli and Jeremy Mills. First recorded case of haemoglobin SC in sudan. *Journal of Hematology and Leukemia*.ISSN 2052-434X .2014.
 19. Hassan. Almarshad,**Elderderly AY**. Oral administration of ginger rhizome extract protects against side effects of azathioprine on erythropoiesis. *International Journal for Pharmaceutical Research Scholars*.V-4, I-4, 2015: 2277 – 7873.
 20. Nawal E Omer, Ahmed M Elnour, Nada Y Ali, Hala A Mohammed, Sulafa A Hummeda, Wigdan Y Alshazally and**Elderderly AY**. Frequency of the A2-Subgroup Among Blood Group A and Blood Group AB Among Students of Faculty of Medicine and Health Sciences at AlimamAlmahadi University, White Nile. Sudan. *HematolTransfusInt J* 2015, 1(4): 00022.
 21. Ahmed M. Elnour, Nada Y. Ali, Moataz M. Ali, Elsharif A. Bazie, Algily A. Edries, Hadeel A. Ali, Mohiera O. Ataalman **Abozer Y. Elderderly**, Nawal E. Omer.EVALUATION OF BLOOD COUNT AMONG BLOOD DONORS ATTENDING KOSTI TEACHING HOSPITAL BLOOD BANK, WHITE NILE STATE, SUDAN. *IJCRR*. 2016; 8(2): 29-32.

22. **Abozer Y. Elderderly**, *Nassreldeen K Adam, Nassreldeen K Adam, Babiker A Mohamed*. Haemoglobinopathies in the Northern Darfur state, stratified by tribes and ages. [Vol 6, No 12 \(2015\)](#).

❖ Accepted Papers

1. **Abozer Y. Elderderly**. Hemoquick is as an alternative method for haemoglobin and haematocrit estimation.
2. **Abozer Y. Elderderly** , Mubarak M El Saeed, Iman A Mostafa, Babiker A Mohamed. The social role of scientific research
3. **Abozer Elderderly**. Zamil Alruwail, Falah Alruwail, Noaf Jabir. The impact of Cigarette Smoking on D-dimer Levels in correlation with period time of smoking and full blood count Introduction.
4. **Abozer Elderderly**, Mohamed N Khan. Alterations of haemoglobin, haematocrit and liver enzymes among patients with chronic kidney disease undergoing haemodialysis in Aljouf region, Saudi Arabia.

Conferences

- International Society of Hematology (ISH) 36th World Congress Organized by: British Society for Haematology (BSH). , XXXVI World Congress of the International Society of Hematology; Hosted By: British Society for Haematology SECC Glasgow, Scotland, 18th - 21st April 201.
- 6th Emirates Haematology Conference 2016. 31 March – 2 April 2016. Dubai, United Arab Emirates.
- 5th Emirates Haematology Conference 2015 (EHC 2015). Dubai, United Arab Emirates.
- Second Pan Arab Human Genetics Conference, Abu Dhabi 19th-22nd Nov 2007 & BAUS Oncology meeting, Bristol, 15-16th Nov 2015.
- 1st international conference, Advance in the Management of diabetes and its complications. Jouf University. College of Medicine, Jouf University, Sakaka-Aljouf, Kingdom of Saudi Arabia. Apr 9-10, 2014/ 9 – 10

Supervision and co-operation

1. I supervised three undergraduate students and one MSc students, as co supervisor at the **University of Portsmouth, UK**, while I was doing my PhD program at School of Pharmacy and Biomedical Sciences in 2009 and 2010.
 - *The MSc project was entitled” Molecular analysis of the β -globin gene cluster haplotypes in a Sudanese population with sickle cell anaemia”
 - *The BSc complementary project was entitled “Genetic polymorphisms in MDR1, CYP3A4 and CYP3A5 genes in a Ghanaian population”
2. I also involved in supervising a PhD student at **University of Portsmouth, UK**, while I was working as a postdoctoral fellowship researcher at School of Pharmacy and Biomedical Sciences.
 - *The PhD project was entitled “The role of genetic polymorphisms in the incidence of chronic leukaemia in different populations from the Kingdom of Saudi Arabia”.
3. In 2010 - 2011, I worked in partnership with **Metropolitan University, London** in two projects entitled:
 - “Effects of Omega-3 fatty acids in a Sudanese population with sickle cell anaemia in a correlation with β -globin gene cluster haplotypes”.
 - “Genetic regulation of NFkB and unsaturated fatty acids, 6 and 9 in sickle cell patients”
4. I have been supervising PhD students, as main supervisor at *Al-neelain university, Sudan* for the following projects entitled:
 - Detection of Genetic Polymorphisms of Glutathione S-Transferases (GSTM1,GSTP1 & GSTT1) and Cytochrome P450 (CYP1A1&2D6) Genes in Sudanese Patients with Chronic Myeloid Leukemia
 - β^S -globin gene cluster haplotypes in a Sudanese population of Northern Kordofan state, Haematological and Molecular analysis.
 - Detection of Genetic polymorphisms of Methylene tetrahydrofolatereductase, *N*-acetyltrasferase-2 and Methionine synthase reductase in chronic myeloid leukemia.
 - The role of genetic polymorphisms of *N*-acetyltransferase 2, Glutathione-S-transferases and Methionine Synthase Reductase among a Sudanese population with Acute Lymphocytic Leukaemia

- The impact of genetic polymorphisms of Methylene tetrahydrofolate reductase, *N*-acetyltransferase-2 and Cytochrome P450 (CYP1A1&2D6) Genes among a Sudanese population with Acute Lymphocytic Leukaemia.

5. I have co-operated as co supervisor with *University of Kordofan* in supervising a PhD student for the project entitled “Globin gene haplotype analysis in a Sudanese population of Kordofan state with sickle cell anaemia, Haematological and Molecular analysis.

23. Seminar / Workshop

Title of Seminar / Conf. / Workshop	Institution and Country	Date
Attendance at a drugs donation campaign.	Sudanese Ministry of Health (DOVA) as part of my work for the Red Crescent.	Jan 2001
Proposal writing workshop	IRC Sudan	May 2001
A course in software programs (words, excel, DOS, internet, e-mail)	Sudatel (communication company), Sudan .	Nov 2002
Medical instrument demonstration in Dubai (five full days), gaining useful knowledge of general medical instrumentation.	Medical Company, Sudan	Feb 2004
Short course in SPSS statistical program.	ElimamElmahadi University, Sudan	Jul 2005
Work experience at Queen Alexander General Hospital, Portsmouth, UK	Portsmouth University, UK	May-June 2006.
Work experience at Southampton general hospital, UK.	Portsmouth University, UK	Feb-Mar 2007.
Two short courses in Academic Writing and Critical Thinking. Portsmouth University, UK .	Portsmouth University, UK	2006-2007
Short course in Presentation, and essay	Portsmouth University, UK	2007-2008

writing: Portsmouth University, UK 2007-2008		
Short course in High performance Liquid Chromatography (HPLC). Intermediate to Practical HPLC Course, Laserchrom HPLC Laboratories Ltd. Units B16-18, Laser Quay, Medway City Estate, Rochester, Kent. ME2 4HU, UK.	Portsmouth University, UK	- 2 days, Mar 2008;
Workshop Student evaluation and Examination methodology at Jouf University on (5 hours).	Jouf University, Saudi Arabia	30/12 /2013
Training course for members of local committees of research ethics (IRC) at Jouf University on	Jouf University	13/03/2013
Symposium on Corona-virus at Jouf University.	Jouf University	16/06/2014.
Workshop on Use of Endnote program at Jouf University, Faculty of Medical Applied Science on (5 hours).	Jouf University	30/10/ 2014
Workshop on Use of information technology in Research skills at central Library, Jouf University.	Jouf University	08/09/2014.
Workshop on how to be a good supervisor	Jouf University	2 days, Dec 2014
Workshop on British Medical Journals- BMJ learning and BMJ pracyice	Jouf University	04/02/2015
Workshop on “Risk associated with Drug dependence on health of Individuals & Communities” at	Jouf University	29/03/2016.

College of Applied Medical Sciences, Jouf University		
Workshop on “Quality Control a way of success in life” at College of Applied Medical Sciences, Jouf University.	College of Applied Medical Sciences, Jouf University	22/11/2016
Workshop on “End notes” at Central Library, Jouf University	Central Library, Jouf University	22/02/2017.

24. Current projects

Research Title	institute	Date
Detection of Genetic Polymorphisms of Glutathione S-Transferases (GSTM1, GSTP1 & GSTT1) and Cytochrome P450 (CYP1A1&2D6) Genes in Sudanese Patients with Chronic Myeloid Leukemia	School of Pharmacy and Biomedical Science, Portsmouth, UK in collaboration with <i>Faculty of Medical Laboratory Sciences, Al Neelain University, Sudan</i>	13/12/2013 up to 17/09/2016
Detection of Genetic polymorphisms of Methylene tetrahydrofolatereductase, N-acetyltrasferase-2 and Methionine synthase reductase in chronic myeloid leukemia.	School of Pharmacy and Biomedical Science, Portsmouth, UK in collaboration with <i>Faculty of Medical Laboratory Sciences, Al Neelain University, Sudan</i>	13/12/2013 up to 17/09/2016
The impact of genetic polymorphisms of Methylene tetrahydrofolatereductase, N-acetyltrasferase-2 and Cytochrome P450 (CYP1A1&2D6) Genes among a Sudanese population with Acute	School of Pharmacy and Biomedical Science, Portsmouth, UK in collaboration with <i>Faculty of Medical Laboratory Sciences, Al Neelain</i>	13/12/2013 up to 17/09/2016

<i>Lymphocytic Leukaemia</i>	University, Sudan	
Reference values of haematological profile for healthy Individuals of Aljouf region	Faculty of Applied Medical Sciences, Jouf University, Saudia Arabia.	15/05/2015 up to 15/05/2016
Sickle Cell Anaemia-haematological, rheological and molecular analysis in Saudi population of Aljouf region	Faculty of Applied Medical Sciences, Jouf University, Saudia Arabia.	15/05/2015 up to 15/05/2016
Globin gene haplotype analysis in a Sudanese population of Kordofan state with sickle cell anaemia.	<i>Faculty of Medicine, Nursing and Health Sciences, Kordofan University, Sudan</i>	5/01/2014 up to 11/03/2017

References

1. Prof Alan J. Cooper

Associate Senior Lecturer, Biomedical Sciences Dept, Portsmouth University
Lead Scientist, Urology Research Group, Southampton University Hospitals
White Swan Rd, Portsmouth, Hampshire, PO1 2DT

Email: alan.cooper@port.ac.uk

2. Dr Jeremy Mills

Senior Lecturer, School of Pharmacy & Biomedical Sciences, University of Portsmouth, White Swan Rd, PO1 2DT

Email: jeremy.mills@port.ac.uk

3. Prof Babiker .A. Mohammed

X-Director of University of Juba
Academy Affairs department
Sudanese Medical Board, Sudan, Khartoum

E-mail: Babikjuba@yahoo.com

4. Dr. Abd Elaziz Bin Suliman Alshiaban

Dean of Faculty of Medical Applied Science
Jouf University
Kingdom of Saudi Arabia