

C.V

1-Name: Sana Eltahir Abdalla

2-Date of birth: 8/9/1959

3-Marital status: Married

4-Education:

1- General Education:

- Primary school 1965 – 1972
- Intermediate school 1972 – 1975
- High secondary school 1975 – 1978

2- University Education and degree:

- University of Khartoum. Faculty of Medicine. 1979-1984 Bachelor in Medicine & surgery.

3- Post graduate medical studies:

- University of Khartoum Master degree in clinical pathology 1992.
- University of Khartoum PhD degree in molecular biology (Haematology) 24/12 2012.

5-Jobs Held:

- House officer : 1985 – 1986
- Medical officer : 1986 – 1988
- Registrar : 1988 – 1992
- Consultant haematologist, Ministry of Health 1992
- Head department of haematology. National Health Laboratory Ministry Of Health (Stack) 1992 – 1998
- Director General of National transfusion services 1999 – 2002

-Director General of blood bank in Radio-Isotope Centre (Oncology centre)
2001- till now

- AL Neelain University: Assistant Professor Faculty of medicine 2002

- Academic Secretary of pathology department 2002 – 2006

- Examination secretary 2003-2009

- Director of school of basic science 2004- 2009

- Deputy Dean in pre-clerkship science 2008

- Director of school of neuroscience and mechanisms of diseases 2009

- Head department of pathology 2006-2010

- Director of Al Neelain Medical Research Centre 2007 to 2015.

6 -Current job:

Al-Neelain University- Faculty of Medicine

- Director of Al Neelain Medical Research centre 2007 to 2015

- Professor in Haematology and Molecular Biology in Pathology Department

7- Teaching experiences in Haematology:

-Ahfad University – Medical School (Omdurman).

- Omdurman Ahlia University – Faculty of Health Sciences

- The Academy Of Medical Sciences and Technology, under graduate and postgraduate programme.

- Alzaiem Alazhari University- Faculty of Medical Laboratory Science, under graduate and post graduate programme.

- University of Technology Sciences- Faculty of Medicine

-University of Technology Sciences- Medical Laboratory Sciences Programme

- Khartoum University Faculty of Medicine, postgraduate MD programme

- Al Neelain University- Faculty of Medicine, Faculty of Pharmacy, Faculty of Medical Laboratory, Nursing school programme.

8- Postgraduate activities:

- Main supervisor for many students of M.S.C degrees in different subjects in Haematology (more than 50 students).
- Main supervisor for more than 10 PhD students in Haematology and Molecular Biology.
- Co supervisor for more than 5 students in Haematology and Molecular Biology.
- External examiner for the assessment of pathology and hematology for undergraduate students
- External examiner for Master, PhD, and MD degrees in postgraduate students

9- Conferences arranged:

- The 7th conference of the Sudanese Association of Pathologists (S.A.Path) 1997
- The 8th Conference of the Sudanese Association of Pathologists (S.A.Path) 1999.
- The 9th Conference of the Sudanese Association of Pathologists (S.A.Path 2001).
- The 10th Conference of the Sudanese Association of Pathologists (S.A.Path) 2003.
- The 11th Conference of the Sudanese Association of Pathologists (S.A.Path) 2009.
- The 1st National Conference of Sudanese Association of Clinical Biology 2004.

- The 2nd National Conference of Sudanese Association of Clinical Biology 2005.
- 3rd National Conference of Sudanese Association of Clinical Biology 2000.
- The 24th Congress of the Arab Division of the International Academy of Pathology, the 12th Conference of the Sudanese Association of Pathologists (S.A.Path) (2012).

10- Workshop arranged:

- National transfusion policy 1999
- National transfusion training programme
- Updating of National screening policy of blood safety 2001
- Quality control Pre-conference workshop: Sudanese association of Clinical Biology 2005
- Basic course on Molecular techniques-Al Neelain University, Al-Neelain Medical Research Centre in collaboration with the Institute of Endemic diseases, 2007
- Malaria Seminar on the international day of malaria, Al-Neelain medical research centre in collaboration with WHO and the national directorate of malaria, 2010.
- The 1st Flow cytometry basic course, Al-Neelain Medical Research centre in collaboration with Radio-Isotope Centre in Khartoum 2010.
- Immunology basic course, Al-Neelain Medical Research centre 2010.
- Seminar on Update in laboratory diagnosis and management of Diabetes militant patients in Sudan, the Sudanese Association of Pathologists, 12-March 2011
- The 9th Workshop of the Arab-British School of Pathology, The Arab Division of the International Academy of Pathology, in collaboration with

The Sudanese Association of Pathologists, in Soba University Hospital in Sudan 15-17 March 2011.

-The 2nd Flow Cytometry basic course, Al- Neelain Medical Research Centre in collaboration with Radio-Isotope Centre in Khartoum 28-31 March 2011.

- A workshop in Histopathology of lymph nodes and bone marrow, The Sudanese Association of Pathologists and The Arab School of Pathology in Omdurman Military Hospital 22nd -23rd Dec. 2012

- International Academy of Pathology-Arab School of Pathology, pre congress workshop in Alzaiem Alazhari University on Lymphadenopathies 4th Dec 2012

- International Academy of Pathology-Arab School of Pathology in Alzaiem Alazhari University on Cytology 5th Dec 2012

11- Conferences attended:

- The 6th Conference of Arab Federation of Clinical biology 1995- Domascus Syria

- The 7th Conference of Arab Federation of Clinical biology 1997- Amman Jordan

- The 9th Conference of the International Academy of Pathology (Arab division) in Lebanon 1998

- The 4th Conference of Syria Clinical Laboratory Association – Domascus - 1998

- The 12th Conference of the International Academy of Pathology (Arab division) – Dubai 2000

- The 32nd Arab Medical Union Conference – Dubai 2000

- The 8th Conference of Arab Federation of Clinical biology Morocco-2001

- The 4th Arab conference and the 3rd African conference of blood transfusion- Tunis-Tunisia- 2002

- The 9th Conference of Arab Federation of Clinical biology Tunis – 2003
- Haemophilia 2004 World Congress – Bangkok- 2004
- The 5th Arab -2nd GCC Blood Transfusion Conference – Sharjah –UAE 2005
- Arab Med Lab 2006- International Federation of Clinical chemistry and Laboratory Medicine IFCC Domascus –Syria 2006
- Haemophilia 2006 World Congress Vancouver – Canada 2006
- International Thalassaemia Day, 9th International Thalassaemia Conference Cairo –Egypt 2008
- The 3rd International Conference on Medical Education and the Scientific Meeting of the Scientific Society for Arab Faculties of Medicine Khartoum Sudan 2009
- The 21st Congress of the Arab Division of the International Academy of Pathology –Kingdom of Bahrain 2009
- The 4th International Conference on Quality Health Care Accreditation and Patients Safety –Antalya- Turkey 2010.
- The 12th international haematooncology updates meeting, 29-30 April 2010. Edinbrough-UK
- The 22nd congress of the international academy of pathology-Arab division, Bone marrow workshop, 16- 18 December 2010, Cairo Egypt.
- 21st International Congress of Clinical Chemistry and Laboratory Medicine, 19th IFCC-EFCC European Congress of Clinical Chemistry and Laboratory Medicine and the 8th Annual Meeting of the German Society of Clinical Chemistry and Laboratory Medicine. Berlin, Germany, ICC Berlin-Internationals Congress Centrum 15-19 May 2011.
- The 17th Congress of the European Hematology Association (EHA) June Amsrerdam 14-17-2012.

- The 25th Annual Congress of Arab Division of the International Academy of Pathology and the 5th International Conference of the Jordanian Society of Pathologists, 7-9 November 2013, Amman-Jordan.
- The XXXth International Congress of the International Academy of Pathology (IAP2014) in Bangkok, Thailand from October 5 to 10, 2014.
- The Indian Ocean Rim Laboratory Haematology congress, Bendigo Bank Stadium, 15th - 17th October 2014- Mandurah, a satellite city of Perth.
- The 5th EACS- OECJ Joint Training Course in Molecular Pathology Approach to Cancer in Amsterdam 11th – 13th May 2015
- 5th Pan Arab Hematology Association Congress, 14th Saudi Society of Hematology Conference in Collaboration with Egyptian Society of Hematology and Research. Feb 11-13, 2016 Cairo – Egypt

12- Workshops attended:

- Meeting of Directors of National Blood Transfusion Service sponsored by WHO Iran 1999
- Meeting of Director of National Blood Transfusion Service sponsored by WHO Cairo 2001
- Fellowship in Transfusion Service Jordan sponsored by WHO in 1999
- Course in monitoring and evaluation of health programmes and projects at Sudan Academy for Administration and sciences 2000
- Updating of essential drugs: drugs affecting blood and blood products sponsored by WHO 2000
- Medical education Pr- conference workshop on case-writing at educational development centre for medical and health professional in Suba University Khartoum Sudan 2007
- Curriculum Reappraisal Development and Evaluation : challenges Achievement and Future Prospects 2009

- 3rd Training Course in Bone Marrow Transplantation in Latimer Chesham, Buckinghamshire UK 2009
- Medical education Pre-conference workshop on getting it published in Suba University Khartoum Sudan 2009
- The 4th SHEA/CDC Training course in infection control organized by infection prevention and control/Hamad Medical Corporation in collaboration with SHEA, CDC, WHO and GCC centre of infection control Doha Qatar 2009.
- Bone marrow workshop, 16- 18 December 2010, Cairo Egypt.
- The 10th international course on Bone Marrow Pathology, Greenwich 14-16 April 2011 London.
- International health research ethics Al- Neelain University November 2012.

13-Publications:

a) Papers:

1- Levels of HbF and HbA2 in β -Thalassaemic Patients in Sudan.

Sana Eltahir Abdalla,^{1*} M.S.C, PhD Anwar. A. kordufani,² Nadia Ali Abdelaziz,³ Hussam A. O. Ballula,³ Foad A. M. Ali,³ Mohi Eldin A. Elsayid,³ Eman A. Ajjack⁴. **Corresponding author. Al-Neelain Medical Journal (NMJ Vol.1 No3)*

2- Levels of serum iron and serum ferritin in β -thalassaemic Sudanese patients.

Sana Eltahir Abdalla,^{1*} M.S.C, PhD Anwar. A. kordufani,² Ndia Ali Abdelaziz,³. **Corresponding author. Al-Neelain Medical Journal (NMJ Vol.1 No 1)*

3- Alterations in coagulation for the development of thrombotic cerebrovascular accidents (CVAs) in Sudanese patients <50 years.

Abdelgadir H. Elagib, Ahmed Babikir Mohamed, MD, PhD, **Sana Eltahir Abdulla, M.Sc, PhD**, Eltahir A. Khalil, FRCP.

4- Prevalence of inherited thrombophilia for the development of thrombotic cerebrovascular accidents (CVAs) in Sudanese patients.

Abdelgadir Hag Elagib, PhD, Ahmed Babikir Mohamed Ahmed, MD, PhD, **Sana Eltahir Abdulla, M.Sc, PhD**, **Corresponding author*. Eltahir A. Khalil, FRCP, Waleed Husain omer M.Sc.

5- Haematological parameters in β -thalassaemia in Sudanese patients.

Sana Eltahir Abdalla,^{1*} M.S.C, PhD. **Corresponding author*. Anwar A. kordufani² Awad Abdelwahab³. Al Neelain Medical Journal (NMJ Vol. 3 No 9)

6- Effect of Separation, Transport and Storage on the Quality of Platelets Concentrates.

Rihab A. H. Khattab,¹ **Sana E. Abdalla ^{2*}M.S.C, PhD**, **Corresponding author*. Abdelsalas E. Bashir³. Al Neelain Medical Journal (NMJ Vol. 3 No 10)

7- Determination of allo- antibodies in Multible Transfused Thalassemia Sickle cell anemia and Hb C disease among Sudanese patients.

Nariman Y. Osman,¹ Abdesalam I. Bashir,² **Sana E. Abdalla^{3*} M.S.C, PhD** **Corresponding author*. Al Neelain Medical Resaerch Journal (NMJ Vol. 3 No 11)

8- Social Impact of Delayed Male Circumcision in a Group of Hemophiliacs from Sudan. Sana ELtahir Abdalla^{1*}, M.S.C, PhD. E.

A.G. Khalil²; F.A.M. Salih²; M.M.H. Satti³; A.I. Basheer³; A. H. Elagib²; A. A. Enour²; M. A. Ali⁴, I.F. Elmoola¹. Merit Research Journals (MRJ Vol. 1(1) pp008-014November 2013

9- Frequency of Red Blood Cells Allo-Antibodies among Sudanese multi-Parous Females in Khartoum State.

Afra Hammad Mohammad,¹ **Sana Eltahir Abdalla,**^{2*} **M.S.C, PhD.** Merit Research Journals (MRJ Nol. 1(1) pp 001-007, November 2013

10- Haematological pictures in full term new born children in Sudan.

Enaam A. Abdelgader,¹ **Sana E. Abdalla,*¹ M.S.C, PhD.*Corresponding author.** Anwar A. Kordofani ² Basic Research Journals (BRJ Vol. 2(9) pp 88-93 October 2013

11- The Role of Glucose -6 -Phosphate Dehydrogenase Deficiency in Anaemia of Haemodialysis Patients.

Emad El-Dean Mohammed Ahmed,¹ **Sana Eltahir Abdalla^{2*} M.S.C, PhD.*Corresponding author.** Basic Research Journals (BRJ Vol. 2(9) pp 103-106 November 2013)

12- The effect of haemodialysis on Prothrombin Time, Active Partial Thromboplastin time, and D dimer in Late Stage Renal Failure Patient.

Sana Eltahir Abdalla,^{1*} M.S.C, PhD.*Corresponding author. Emad EL-Dean Mohammed Ahmed. ²

13- Iron deficiency anaemia in pregnancy and the new born child.

Sana E. Abdalla,^{1*} M.S.C. PhD.*Corresponding author. Enaam A. Abdelgader, ¹ Tayseer A. Diab. ² Ilham M. Omer.³ Anwar A. Kordofani ⁴ Merit Research Journals (MRJ Vol. 1(2) pp 021-029 Decenber 2013)

14- Measurment of Hb level, RBCs Indices, and iron status in pregnant females in Sudan.

Enaam A. Abdelgader.¹ **Sana E. Abdalla. ^{*1} M.S.C, PhD.*Corresponding author.** Tayseer A. Diab ² Anwar A. Kordofani ³ Basic Research J ournals (BRJ Vol. 3(1) January 2014)

15- Coagulation Profile (PT, APTT, fibrinogen level and platelets count) in Sudanese patients with acute pancreatitis.

Sana Eltahir Abdalla,^{1*} M.S.C, PhD.*Corresponding author. Hana Tajelsir Adam. ² Merit Research Journal of Microbiology and Biological Sciences Vol. 2(1) 2013

16- Prothrombin Time and International Normalized Ratio Predict Bleeding Complications among Cardiac Valve Replacement Patients Undergoing Cardiopulmonary Bypass

***Ahmed Siddig Akasha, Abdelrahman Tambal, Sana Eltahir and Fathelrahman Mahdi** *Corresponding author. International Journal of Current research volume, 6Issue, 05, pp. 6619-6621, May 2014- ISSN:0975-833X

17- The Disturbances of Protein C among Cardiac Valve Replacement Patients Undergoing Cardiopulmonary Bypass

***Ahmed Siddig Akasha, Abdelrahman Tambal, Sana Eltahir and Fathelrahman Mahdi** *Corresponding. Indian Journal of Applied Research, volume:4- Issue:5- May 2014- ISSN. 2249-555X

18- Haemoglobin Patterns in Patients with Sickle Cell Haemoglobinopathies

Eman A. Ajjack¹, Hiba A. Awooda², Sana Eltahir Abdalla^{3,*}
*Corresponding author: sanaseed@hotmail.com International Journal of Haematological Disorders 2014, Vol. 1, No 1, pp 8-11

Received November 29, 2013; Revised July 10, 2014; Accepted July 14, 2014

19- Prothrombin Time Activated Partial Thromboplastin Time and Platelets Count in Pregnant Females and Postpartum Period with Deep Venous Thrombosis.

Huda I Babiker ¹, Hiba A. Awooda ², and Sana E. Abdalla ^{3*}

* Corresponding author. International Journal of Haematological Disorders
2014, Vol. 1, No 1, pp 41-44

20- Reference Limits of Serum Total and Bone Alkaline Phosphatases in Apparently Healthy Sudanese Children aged 5-16 years.

Amira A. K. Humeida, ¹ Enaam A. abdelgadir ¹ Ihsan M. osman ² Sana E. abdalla ^{3*} Alya A. Salman ⁴ Abdelhafiz H. Khattab ⁵ Merit Research Journals (MRJ Vol. 2(3) pp 036-042, December 2014

21- Patterns and Co morbidity of Attention Deficit/Hyperactivity Disorder among school children in Khartoum state-Sudan

Amira Mohamed Osman ^{1*} AbdallaAbderahman ² AlfatihElsamani ³ Elham Mohamed Omer ⁴ Sana Eltahir Abdalla ^{5*} (BRJ Vol. 3(12) pp 141-146 December 2014)

22- Patterns and clinical presentation of Acute Myeloid Leukemia In Sudanese patients.

Nazik E M Ahmed, ¹ Enaam A Abdelgadir ² Ihsan M Osman ³ Amira A K Humeida, ² Sana E Abdalla ^{4*} Manal M. Eltahir ⁵ and Eldirdiri M Abdolrahman ⁶ Journal of Science Vol. 5/ Issue 1/ 2015 23-27

23- Clinical presentation and complications of chronic lymphocytic leukemia among Sudanese patients

Imad H. A. Elsukker, ¹ Eldirdiri M Abdelrahma, ² Enaam A. Abdelgadir, ³ Sana E. Abdalla, ^{4*} Ihsan M. Osman, ⁵ Amira A. K. Humeida ³ Manal M. Eltahir, ⁶ Alya A. Salman, ³ Osman Hassan Musa ⁷

24- Haematological Features and Serum Protein Pattern on Electrophoresis of Multiple Myeloma in Sudanese Patients

Inaam O. M. Khair,¹ Eldirdiri M. Abdelrahman ² Enaam A. abdelgadir, ³ Sana E. abdalla, ^{3*} Ihsan M. osman, ⁴Amira A. K. Humeida, ³ Manal M. Eltahir ⁵ Alya A. Salman ³

25- Renal Manifestations of Multiple Myeloma in Sudanese Patients

Inaam O. M. Khair,¹ Enaam A. abdelgadir, ² Ihsan M. osman, ³Amira A. K. Humeida, ² Sana E. abdalla, ^{4*} Manal M. Eltahir ⁵ Alya A. Salman ⁶ Eldirdiri M Abdelrahman ⁶

26- Coagulation State in Diabetic Retinopathy in Type 2 Diabetic Sudanese Patients

M.M Eltahir, ¹ E.A abdelgadir, ² S.E. abdalla, ² Alya A. Salman, ² M.H Satti, ⁴ E.M Abdelrahman ⁵

27- Chromosomal profile in 1500 Sudanese Patients Suspected of having Chromosomal Abnormalities

Safa. M. Hamid ^{1*}, Imad M. Fadi-Elmula ² Sana Eltahir ¹

28- Full Blood Count in Sudanese Carriers of 3.7 Alpha Thalassaemia

Hussam A. Osman, ^{1*} Sana E. Abdalla ²

29- Evaluation of Genetic and Environmental Risk Factors for Deep Vein Thrombosis in Sudanese

Nadir ahmed ibrahim¹, Fathelrahman m haSSaN Gameel², mahmoud mohamed Elgari³, SaNa eltahir abdalla⁴

30- Risk factors for deep vein thrombosis of lower extremities in Sudanese women

Nadir Ahmed Ibrahim^{1,2} Fathelrahman M Hassan³ Mahmoud Mohamed Elgari² Sana Eltahir Abdalla⁴

b) Books:

1- Molecular Genetics of Beta-thalassaemia in Sudanese Patients.

Sana E. Abdalla,^{1*} M.S.C, PhD, *Corresponding author. Anwar A. Kordafani. ²

14-Papers under publications:

1- Haematological Parameters in Acute Myeloid Leukaemia in Sudanese Patients

Nazik E M Ahmed, ¹Aldirdiri M Abdelrahman² Enaam A Abdelgadir³Ihsan M Osman ⁴Sana E Abdalla^{3*} Amira A K Humeida, ³Manal M Eltahir⁵Alya A. Salman ³

2- Effect of Zinc Deficiency on Haemoglobin Level, Linear Growth and Sexual Maturation in Sudanese Children with Sickle Cell Anaemia

Alya A. Salman¹, Enaam A. Abdelgadir¹, Manal M. Eltahir², Amira A. K. Humeida¹, Sana E. Abdalla¹, Ihsan M. Osman³, Aldirdiri M Abdelrahman⁴, Anwaar A. Kordofani⁵

15- Social activities:

- Financial Secretary of Sudanese association of Pathologist (SAPath) 1996-2000
- Member of SAPath council 2000-2003
- Member of SAPath council 2008-2010
- General Secretary of Sudanese Association of National Transfusion Service 2000.
- Member of Sudanese association of Clinical Biology council 2004-2006
- Member of Sudanese association of Clinical Biology council 2006
- Member of National association of Haemophilia council 2008-2012.
- Member of SAPath council and financial secretary 2010- 2014
- President of Sudanese association of Pathologists (SAPath) 2016 till now