

Curriculum Vitae

Abdel Rahim Mahmoud Muddathir

Mobile: +966531211398

Associate Professor

Email: abdelrahimm@gmail.com



Personal Background

Name: Abdel Rahim Mahmoud Muddathir Mahmoud

Nationality: Sudanese.

Date of Birth: January 8, 1976.

Marital status: Married

Academic title: Associate Professor

Professional title: Consultant of Medical laboratories (Hematology and Blood Transfusion)

Address: Faculty of Applied Medical Sciences

Clinical Laboratory sciences Department

Taibah University

Medina

Kingdom of Saudi Arabia

Email: abdelrahimm@gmail.com

Telephone: 00966531211398

Education Background

February- 2009	PhD in Medical Laboratory Sciences (Haematology and Blood Transfusion) Alzaiem Alazhari University, Sudan
March- 2003	MSc in Haematology University of Juba (faculty of Medicine), Sudan
May- 1999	BSc in Medical Laboratory Sciences Omdurman Ahlia University, Sudan

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Academic Experience

- August, 2014- till know: Associate professor in College Of Applied Medical Sciences – Department of Clinical Laboratory Sciences -Taibah University -KSA
- February 2016-till 19th of December 2016: **Assistant head department** of Clinical Laboratory Sciences -Taibah University -KSA.
- August, 2014- till February 2020: Associate professor and **hematology and immunology track co-ordinator** in College Of Applied Medical Sciences – Department of Clinical Laboratory Sciences -Taibah University -KSA.
- December 2013- Present: Associate professor in department of Haematology and Immunohaematology, college of Medical Laboratory Sciences, Alzaiem Alazhari University. Sudan.
- January, 2010 – April 2014: Deputy Dean of Scientific Research Deanship in Alzaiem, Alazhari University. Sudan.
- May, 2010 – August 2014: Dean School of Medical laboratories Sciences-Shariq Elniel College (joined appointment). Sudan.
- Feb, 2009 – Jan, 2010: Assistant professor and Head department of Haematology and Immunohaematology, college of Medical Laboratory Sciences, Alzaiem Alazhari University. Sudan.
- Feb, 2009 – August 2014: Assistant professor in Department of Haematology and Immunohaematology, college of Medical Laboratory Sciences, Omdurman Ahlia University. Sudan.
- Jan, 2010- December 2014: Assistant professor in department of Haematology and Immunohaematology, college of Medical Laboratory Sciences, Alzaiem Alazhari University. Sudan.
- Feb, 2009 – July 2014: Teaching in Master Programs of Medical Laboratory sciences in Alzaiem Alazhari University and Al Neelian University. Sudan.

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- December, 2003 – January 2009: Part-timer Lecturer in Haematology and blood transfusion department, college of medical laboratory sciences, Omdurman Ahlia University. Sudan.
- June, 2007 – Mar 2008: Head department of Haematology and immunohaematology –Omdurman Ahlia University. Sudan.
- 2003 - 2006: Head department of Haematology and Immunohaematology, college of Medical Laboratory Sciences, Alzaiem Alazhari University.
- 2002 - 2005: Lecturer in Haematology and immunohaematolgy department, medical laboratory program, college of technological sciences.
- Feb, 2002 – Aug, 2002: Part-timer teaching assistant in medical laboratory college at Al Neelain University. Sudan.
- 1999 - 2003: Teaching assistant at college of medicine, physiology department, university of Juba. Sudan.
- 1999 - 2002: Teaching assistant in medical laboratory sciences program in college of technological sciences. Sudan.

Summary of Duties and Responsibilities:

- Academic teaching for many courses concerning Hematology and blood banking in under and postgraduate level in many universities entitled Hematology (1) MLT (248), Hematology (2) MLT (347), Blood Bank MLT (448), Basic Hematology I MLS (201), Basic Hematology II MLS (258), Clinical Hematology MLS (307), Immunohaematology MLS (350), Advanced Clinical Hematology I MLH (401), Advanced Clinical Hematology II MLH (405), Haemostasis MLH (403), Clinical Immunohaematology I MLH (450), Clinical Immunohaematology II MLH (454), Advanced Clinical Hematology III MLH (452)
- **Curriculum Member committee** in many faculties of Medical Laboratory Sciences for both undergraduate and postgraduate curricula in Sudan and Saudi Arabia.
- **December 2016: Eternal examiner for MSc student in hematology at King Abdulaziz University.**

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- November 2018: External Arbitrator for associate Professor rank to a staff member in Najran University
- January 2021: External Arbitrator for associate Professor rank to a staff member in Jazan University
- External examiner for many Medical Laboratory Sciences faculties programs in Sudan.
- Supervised many MSc students in partial fulfillment research of Master of Sciences in haematology and blood transfusion.
- Supervised MSc students in research for Master of Sciences in haematology and blood transfusion.
- Supervised and Co-supervised many Ph.D. students in haematology and blood transfusion.

Professional Experience

- Saudi Commission for Health Specialists Accredited as **Consultant in Laboratory Hematology (19073242)**.
- August 2014-till now consultant of Medical Laboratories at Maternity and children hospital One day per week.
- January 2002 – July 2014: Chief Medical technologist (from 2009 consultant) (Evening duty) for the Haematology laboratory, Modern Medical Center Laboratory, Sudan.
- Sep, 1999 – Sep, 2002: Chief medical technologist for the Haematology laboratory, Khartoum teaching Hospital, Sudan.
- Sep, 2002 – December , 2001: Chief Medical technologist (Evening duty), Arkweet Medical Center Laboratory, Sudan.

Memberships and associations

- March 2021 Member in International Society of Laboratory Hematology (ISLH)
- March 2021 Member in International Clinical Cytometry Society (ICCS)
- January 2013 up to date **Fellowship** of Institute of Biomedical Sciences (**FIBMS**)-UK
- November 2010 Licentiate of Institute of Biomedical Sciences (LIBMS)-UK
- May 2012 till now I have been appointed as **chairman of Sudan Advisory board of the international consortium for ASCPⁱ-USA**
- Sudanese Cancer Research Group
- Sudanese intersex working group

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- Sudanese Academy of Science
 - Sudanese society of Clinical Biology
 - Sudanese society of Medical Laboratory Specialist
 - Permanent registration in Council of Allied Health Professions.
-

Research Fields

- Molecular characterization of Leukemia and Lymphoma.
 - Cancer Cytogenetic.
 - Blood disorders.
 - Coagulation disorders
 - Blood Banking and transfusion science.
-

Publications List

- 1- Rofida Galal Eldein Mohamed, Elharam Ibrahim Abdallah, **Abdel Rahim Mahmoud Muddathir**, Ghfren S. Aloraini, Alaa Eltayeb Omer, Altaf Ali Mangi, Lienda Bashier Eltayeb. Differential Leucocytes Count: An Independent Predictor of Clinical Outcomes in SARS-CoV-2 Patients. *Arch Pharm Pract.* 2022;13(3):11-15.
- 2- Tawadd Salah Ahmed, Elharam Ibrahim Abdallah, Safa. A. Wdidi, Dalia G Hamouda, **Abdel Rahim Mahmoud Muddathir**, Alaa Eltayeb Omer, Lienda Bashier Eltayeb .Hematological and Biochemical Changes among Visceral Leishmaniasis (Kala-Azar) Patients Under Sodium Stibogluconate (SSG) and Ambisome Therapy. *Int. J. Pharm. Res. Allied Sci.*, 2022, 11(3): 26-33.
- 3- Jerold C. Alcantara, Bandar Alharbi, Yasser Almotairib, Mohammad Jahoor Alam, **Abdel Rahim Mahmoud Muddathir**, Khalid Alshaghdali. Analysis of preanalytical errors in a clinical chemistry laboratory: A 2-year study. *Medicine* .2022 July;101 (27). (e29853).
- 4- Aza Mustafa, Elharam Ibrahim Abdallah Dafaallah, Alaa Eltayeb Omer, **Abdel Rahim Mahmoud Muddathir**, Altaf Ali Mangi and Lienda Bashier Eltayeb. Inflammatory Mediators Released in Pulmonary Tuberculosis Enhance Hyper-Coagulable States: A Crucial Role of Tissue Factor. *Pakistan Journal of Biological Sciences.* 2022 .25(8):725-731
- 5- Rimonda Emil Tadros, Elharam Ibrahim Abdallah, Alaa Eltayeb Omer, **Abdel Rahim Mahmoud Muddathir**, Lienda Bashier Eltayeb. The Influence of Sustained Mercury Exposure on Prothrombin Time and Partial Thromboplastin Time among Sudanese Gold Mining Workers. *International Journal of Biomedicine* 2022 June, 12(2) 251-255

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- 6- Shahd Adil Mohammed Omer, Elharam Ibrahim Abdallah, **Abdel Rahim Mahmoud Muddathir**, Alaa Eltayeb Omer and Lienda Bashier Eltayeb. D-Dimer Level Among COVID-19 Patients as Biological Mediator for Hyper Coagulation State. *Pakistan Journal of Biological Sciences*. 2022 25(6):569-574
- 7- Ream E. Abdelgadir, **Abdel Rahim M. Muddathir**, Moyssar A. Krama, Ebtehal A. Adam, Osman Abdelgadir, Elharam I. Abd-allah. Association of hemolysis markers and cortisol level with different severity of sickle cell disease among Sudanese patients. *Int J Adv Med*. 2022 May;9(5):519-523
- 8- A.M.A.M. KHALID¹, A.M. SULIMAN, E.I. ABDALLAH, M.A.A. ABAKAR, M.M. ELBASHEIR, **A.M. MUDDATHIR**, F.M. ALDAKHEEL, A.S. BIN SHAYA, A. ALFAHED, N.S. ALHARTHI, G.S. ALORAINI, M.M. ALENAZI, H.A. WAGGIALLAH. Influence of COVID-19 on lymphocyte and platelet parameters among patients admitted to intensive care unit and emergency. *European Review for Medical and Pharmacological Sciences* 2022 April, 26 (7):2579-2585.
- 9- **Abdel Rahim Mahmoud Muddathir**, Elharam Ibrahim Abdallah, Wala Eldin Osman Elradi, Mohammed Elmobarak Elbasheir, Ream Elzain Abdelgadir, Hisham Ali Waggiallah . Prevalence of HDNF due to ABO, Rh (D) and Other Blood Groups among Newborns, Sudan . *J Biochem Technol* 2022 13(1): 25-28
- 10- **Abdel Rahim Mahmoud Muddathir**, Ream Elzain Abdelgadir, Abubakr Yousif Awdoon, Elharam Ibrahim Abd Allah, Hisham Ali Waggiallah. Hematological Parameters Reference Range in Sudanese Neonatal Cord Blood in Normal and Caesarian Delivery. *Entomology and Applied Science Letters. Entomol. Appl. Sci. Lett., 2021 December, 8(4): 59-63*
- 11- Rania Khogli ELsidig Khogli, **Abdel Rahim Mahmoud Muddathir**, Alaa Eltayeb Omer Lienda Bashier Eltayeb. Antiphospholipid Antibodies and Acquired Thrombophilia: A Biological Marker for Recurrent Miscarriage. *Journal of Pharmaceutical Research International* 2021 December 33(52B):137-143.
- 12- Alaa Eltayeb Omer, **Abdel Rahim Mahmoud Muddathir**, Lienda Bashier Eltayeb. Measurement of Fibrin Degradation Products (FDPs) among Patients with Cardiovascular Diseases: A significant Target for Prognosis. *J Biochem Technol* 2021 December, 12 (4):23-28
- 13- **Abdel Rahim Mahmoud Muddathir**, Tarig A. M. Hamid, Elwaleed Mohamed Elamin, Omar F Khabour. Distribution of fusion transcripts and its clinical impact in

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patients with acute myeloid leukemia in Sudan. *Int J Health Sci (Qassim)* 2021 Mar-Apr; 15(2):21-25.

- 14- **Abdel Rahim Mahmoud Muddathir**, Tarig A. M. Hamid, Elwaleed Mohamed Elamin, Omar F Khabour Relationships between AML1-ETO and MLL-AF9 fusion gene expressions and hematological parameters in acute myeloid leukemia. *The Gulf Journal Of Oncology* 2020 Sep 34 (10):65-69
- 15- **Abdel Rahim Mahmoud Muddathir**, Wala Eldin Osman Elradi, Badreldin Yousif, Elharam Ibrahim Abd allah. Frequency of Epstein Barr virus infection among Sudanese children patients with Burkitt's lymphoma. *International Journal of Advances in Medicine*. 2020 Dec;7(12):1773-1776
- 16- Ayman Mohamed Alfadil Mohamed, Ream Elzain Abdelgadir, **Abdel Rahim Mahmoud Muddathir**. Evaluation of serological test in the diagnosis of *Helicobacter pylori* and risk factors associated with the infection. *International Journal of Research in Medical Sciences*. 2020 May;8(5):1828-1832
- 17- Mirza Asif Baig, Mohammad Shahid Iqbal, **Abdel Rahim Mahmoud Muddathir**, Aisha Tabassum, Syeda Sarah M. Comparative analysis of chromogenic VS clot based CDC modified Nijmegen-Bethesda assay for detection of factor VII inhibitor titre. *Nigerian journal of Medicine* 2019;28(4) 423-430
- 18- Elgari MM, Khabour OF, Elhag HAEH. **Muddathir ARM** .Hematological indices of end-stage chronic renal failure patients in Sudan: with or without iron supplements. *Pakistan journal of pharmaceutical sciences* 2019 Mar;32(2 (Supplementary)):765-768.
- 19- **Muddathir ARM**, Abdallah EI, Khabour OF, Abdelgader RE, Elgari MM. Age- and gender-independent association of glutathione S-transferase null polymorphisms with chronic myeloid leukemia. *Bosnian Journal of Basic Medical Sciences*. 2019 ; 4176
- 20- Abdelmageed AS, **Abdelrahim M, Muddathir** and Rashid A Ellidir. Frequency of Anemia and Possible Risk Factors Among Sudanese Children with End Stage Renal Disease. *Advancements in Bioequivalence & Bioavailability* 2018.
- 21- **Muddathir A.R.M**, Abd Alla M.I. Khabour O.F. Waterpipe Smoking Is Associated with Changes in Fibrinogen, FVII, and FVIII Levels. *Acta Haematol* 2018; 140:159–165.
- 22- Fatehalrahman F. Magbool, Elamin Ibrahim Elnima, Shayoub M. E, Elnazeer I. Hamedelniei, Bashir Mohamed Ahmed, **Abdel Rahim Mahmoud Muddathir**. Acute Oral Toxicity Evaluation and Median Lethal Dose Determination of Ethanolic Extract of

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Quercus infectoria galls (Fagaceae) in Experimental Rats. *Scholars Journal of Applied Medical Sciences* 2018; 6(9):3231-3238.

- 23- Wala Eldin Osman Elradi, **Abdel Rahim Mahmoud Muddathir**, Badreldin Yousif, Haala Gabra Butrous, Elharam Ibrahim Abd allah and Ream Elzain Abdelgadir. Predominance and clinical characteristics of Burkitt lymphoma in Sudanese patients. *European Journal of Biomedical and Pharmaceutical Sciences* 2017 4(10): 33-36.
- 24- : Elharam Ibrahim Abd allah , **Abdel Rahim Mahmoud Muddathir** , Salah Eldin G. Elzaki , Wala Eldin Osman Elradi and Ream Elzain Abdelgadir. Frequencies of GSTP1 (Ile 105Val) polymorphism and its association with CML in Sudanese patients. *European Journal of Biomedical and Pharmaceutical Sciences* 2017 4(10): 37-40.
- 25- Alfatih Aboalbasher Yousif, **Abdel Rahim Mahmoud Muddathir**, Elwaleed Mohamed Elamin and Ahmed Alhadi. The Role of Factor V Leiden 1691G>A and Prothrombin Gene 20210G>A Mutations in Hypercoagulable State Associated with Venous Thromboembolism among Sudanese Patients. *Journal of Blood Disorders & Transfusion*, 2017; 8(3):386-390.
- 26- Mihad G. Balla, Dalia Adel Ezzet, Romisa A. Ibrahim, Elharam I. Abdallah, WalaEldin O. Elradi, Khallafalla A. Siddig, Alaa E. Omer, Leena E. Omer, **Abdel Rahim M. Muddathir**. 'B' Blood Group System Risk Factor for Type 2 Diabetes Mellitus Among Sudanese Population. *Scholars Journal of Applied Medical Sciences*, 2017; 5(8A): 3031-3034.
- 27- Wamda Ahmed Gourashi, **Abdel Rahim Mahmoud Muddathir**. Assessment of volume and activity of clotting factors in fresh frozen plasma produced from whole blood in Blood Bank. *European Journal of Biomedical and Pharmaceutical Sciences* 2017 4(8): 97-99.
- 28- Ream Elzain Abdelgadir, Nuha Ahmed Eldai and **Abdel Rahim Mahmoud Muddathir**. Fibrinogen level in apparently healthy pregnant women in different trimesters. *European Journal of Biomedical and Pharmaceutical Sciences* 2017 4(8): 112-115.
- 29- Wala Eldin Elradi, **Abdelrahim Mudathir** ,Badreldin Yousif and Haala Gabra Butrous Tissue microarray technique (TMA) for burkitt's lymphoma immunohistochemistry IHC. *The Pharma Innovation Journal* 2017; 6(7): 893-895.
- 30- Ream Elzain Abdelgadir , Mawada Abdelsalam and **Abdel Rahim Mahmoud Muddathir** .Effect of Hb F Level among Different Severity of Sickle Cell Disease. *International Blood Research & Reviews* .2017, 7(2): 1-6.

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- 31- Elharam Ibrahim Abd allah, Khallafalla Ali khallafalla, Amr Galal Balla, Galia Zakaria Abdalnabi and **Abdel Rahim Mahmoud Muddathir**. GSTT1 gene a protective factor form chronic myeloid leukemia among Sudanese population. *International Journal of Current Research*.2017, 9(5): 51489-51491.
- 32- Mahmoud Mohamed Elgari, Nadir Ahmed Ibrahim, **Abdel Rahim Mahmoud Muddathir**, Faris Mergheni Eltoom, Ibrahim M Ibrahim. Frequency of Thrombophilic Gene Mutations in Patients with Deep Vein Thrombosis and in Women with Recurrent Pregnancy Loss. *Open Life Sci*. 2017; 12 (1) : 162–166.
- 33- Khalda Abdel Mutaal Abdel Rahman, **Abdel Rahim Mahmoud Muddathir** Ream Elzain Abdelgadir Mohamed.The Frequency of ABO Blood Grouping and Rhesus Antigens among Sudanese Blood Donors. *European Journal of Biomedical and Pharmaceutical Sciences* 2017 4(4): 140-144.
- 34- Ream Elzain Abdelgadir Mohamed, Elshibli Mohamed Elshibli, **Abdel Rahim Mahmoud Muddathir**, Imad Mohamed Fadl-Elmula.Improvement of Outcome of Chromosomal Breakage Test Using Novel Statistical Equation. *American Journal of Medicine and Medical Sciences* 2017 7(3): 142-146.
- 35- Elzein HO, **Muddathir AR**, Rida M, Rayis DA, Elhassan EM, Adam I.Fibrinolysis parameters in Sudanese women with severe preeclampsia. *Hypertens Pregnancy*. 2016 ,6: 1-6
- 36- Abeer Ahmed, Ream Elzain Abdelgadir, **Abdel Rahim Mahmoud Muddathir**, Elshibli Mohamed Elshibli and Imad Fadl Elmula.Interleukin-4 Intron 3 VNTR Polymorphism Gene in Leukemic Patients. *Journal of Blood Disorders and Transfusion* 2016, 7(3): 357-360.
- 37- Jowaireia Gaber Al-Basheer, Osman Abdelgadir, Alam Eldin Musa Mustafa, **Abdel Rahim Mahmoud Muddathir**, Ream Elzain Abdelgadir. C - reactive Protein Level and WBC Count as Biomarkers for Vaso-Occlusive Crisis among Patients with Sickle Cell Disease. *American Journal of Medicine and Medical Sciences* 2015 5(6): 283-286.
- 38- Rasha M. Ahmed, **Abdel Rahim M. Muddathir**. Evaluation of Different Thromboplastins and Coagulometers on International Normalize Ratio (INR) Readings for Patients under Stable Oral Anticoagulant Therapy.*Journal of Blood Disorders and Transfusion* 2015, 6(5): 313-315.
- 39- **Abdel Rahim M .Muddathir**, Mohaned A.Babker, Omer M.Ahmed.Assessment of Measurement of Prothrombin Time using Different manufactured Prothrombin

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Reagents Used in Khartoum State Laboratories. *European Academic Research Journal* October 2015, 3(7): 7837-7867.

- 40- Ahmed A. Gaffer, **Abdel Rahim M. Muddathir**, Muzamel M. Abdel Hamid. In vitro growth of Plasmodium falciparum field isolates in homozygous and heterozygous sickle cells. *European Academic Research Journal* September 2015, 3(6): 6858-7872.
- 41- Nada H. Eltayeb, Mohamed A. M. Salih, **Abdel Rahim M. Muddathir**. Endothelial Nitric Oxide Synthase Gene Polymorphism (T-786 C) in Sudanese Patients with Sickle Cell Anaemia. *American Journal of Medicine and Medical Sciences* 2015, 5(5): 231-234.
- 42- **Abdel Rahim Mahmoud Muddathir**; Imad Fadl-Elmula ; Ream Elzain Abdelgadir ; Abdel Salam Ibrahim Bashir. Frequencies of secretors and non-secretors of ABH group substances among Sudanese population. *American Journal of Research Communication*, 2015, 3(4):127-131.
- 43- Elena Bakri Ali, **Abdel Rahim Mahmoud Muddathir**. Frequency of Clerical Error in Sudan Military Hospital Blood Bank Sudan Experience. *American Journal of Medicine and Medical Sciences* 2014, 4(6): 241-243.
- 44- Soha Saif Alden Osman, Abdalla Eltom Ali, **Abdel Rahim Mahmoud Muddathir**. Measurements of Plasma Fibrinogen Level, Total Cholesterol and Triglyceride Levels in Hypertensive Sudanese Patients. *American Journal of Medicine and Medical Sciences* 2014, 4(5): 161-165.
- 45- Amr. A. Ahmed, Malik. H. Mustafa, Munsoor. M. Munsoor, Enaam. A. Abdelgader, **Abdel Rahim .M. Muddathir**, Hanan. B. Eltahir. Detection of Wilm's Tumor one gene mutation in Sudanese patient with Acute Myeloid Leukemia. *American Journal of Research Communication*, 2014, 2(6): 83-87.
- 46- Alfatih aboalbasher yousif, Elwaleed Elamin, **Abdelrahim Muddathir**. Haemostatic Abnormality Associated With Deep Vein Thrombosis In Sudanese Patients. *International Journal of Laboratory Hematology* 2014 36:45-46.
- 47- Elena Bakri Ali, **Abdel Rahim Mahmoud Muddathir**. Frequency of blood group A subtypes among Sudanese donors attending the military hospital blood bank. *International Journal of current Research*. 2014 6(4):6339-6340.
- 48- Hiba H. Mahmoud, **Abdelrahim M. Muddathir**, Shams ElFalah M. Osman, Mustafa A. AlKhawad, Awadia K. Mohamed, ElHady E. ElMubarak, Mamoun M. Mohamed. Iron

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Deficiency Anemia among Children under three years in Kassala, Eastern Sudan. *Sudanese journal of Public Health*, 2014 6(4):6339-6340.

- 49- Muddathir AM**, Kordofani AA, Fadl-Elmula IM. Frequency of BCR-ABL fusion transcripts in Sudanese patients with chronic myeloid leukemia using real-time reverse transcription-polymerase chain reaction. *Saudi Med Journal*. 2013 Jan; 34(1):29-33.
- 50- Ayman Mahammed Mahajoub, Abdel Rahim Mahmoud Muddathir**. Comparative Study between Manual Reticulocytes Count and Automated Reticulocytes Count Obtained with the Sysmex xt 2000i. *Alnelian Medical journal* .2013 may, 11 (1)7-13.
- 51- Rufaida A. Mohamed, AbdElkarim A. Abdrabo, Abdel Rahim M. Muddathir**. The association between microalbuminuria and plasma fibrinogen levels in Type 2 diabetic Sudanese patients. *American Journal of Research Communication*, 2013, 1(10): 69-75.
- 52- Abdel Rahim Mahmoud Muddathir**, Fadel El-Jabbar Haj. Platelet Indices in Sudanese Patients with Rheumatoid Arthritis. *Asian Journal of Biomedical and Pharmaceutical Sciences*, 2013, 3(23):1-3.
- 53- Mutasem Mahmmoud Abdallah, Abdel Rahim M. Muddathir**, AbdElkarim A.Abdrabo. Estimation of serum Uric Acid in precalamptic pregnant Sudanese women. *International Journal of Therapeutic Applications*, 2013, 12(1):1-3.
- 54- Samah Saif Alden Osman, Abdel Rahim Mahmoud Muddathir**. Measurement of plasma fibrinogen and D-dimer levels in Sudanese hypertensive patients. *American Journal of Research Communication*, 2013. 1(12): 360-367.
- 55- Shweda Elnour, Abdel Rahim Mahmoud Muddathir**. Assessment of mean platelet volume and platelets histogram among Sudanese pregnant women with gestational diabetes mellitus. *American Journal of Research Communication*, 2013, 1(12): 445-450.
-

Accepted articles in International conferences:

- *Oral presentation acceptance entitled Frequency of BCR-ABL fusion transcripts in Sudanese patients with chronic myeloid leukemia using real-time reverse transcription-polymerase chain reaction in 3ed International conference on Hematology and Blood disorders on November 2015 Atlanta, USA*
- Two Accepted poster presentation on February 2014 in the XXVIIth International Symposium on Technological Innovation In Laboratory Hematology which will be in the Hague, Netherlands May 2014, entitled **(Haemolytic Disease of the Fetus and**

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Newborn (HDFN) among Sudanese Jaundiced Newborn attending Omdurman Maternity Hospital in Sudan) and (Platelet volume indices and platelet count in patients with acute coronary Syndrome).

- Poster presentation entitled BCR-ABL fusion transcripts frequencies in Sudanese CML patients. Presented in 2011 IBMS congress ICC Birmingham (UK).

Published books

- 1- Molecular characterization of Fanconi Anemia Type A (FANCA gene). Authors: Ream Mohamed, **Abdel Rahim Muddathir**, Imad Fadl-Elmula, Scholar's Press - ISBN: 978-3-639-71833-1 published in 10-06- 2014.
- 2- Molecular Characterization and Clinical Impact of BCR-ABL Fusion Transcripts in CML. Authors: **Abdel Rahim Muddathir**, Anwaar Kordofani, Imad Fadl-Elmula. Scholar's Press - ISBN: 978-3-639-51621-0 published in 08-08 -2014

ASCP international certification report

I have been mentioned in International certification report (2012) as (*the person who credited for modernizing Shariq Elniel Univeristy's medical laboratory scientist program, additionally to that he worked with other medical laboratory scientist program directors to update their curriculum in order to incorporate current technologies and innovations, also contributed greatly to the formation of the ASCP BOC advisory board in the Sudan to assist with the applicants' verification process*) International certification report, 2012 4(6):12-13.

Courses and Training Programs

- 2008 participation and attending in course of evaluation and assessment of students and Course outline design from Medical and Health Education Development Center (Alzaiem Alazhari University) (Sudan).

- 2007 PhD practical work on molecular haematopathology by RT-PCR especially fusion transcripts detection in Chronic Myeloid Leukaemia (CML) - Centre of Molecular Medicine -Karolinska Institute –Solna-(Sweden).

- 2006 training course on Research Ethics from Educational and Development Centre for Medical and Health Professions-University of Khartoum (Sudan).

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- 2005 Training Course in all major aspects of clinical flow cytometry in diagnostic hematopathology-Department of laboratory medicine -Karolinska Institute - Stockholm (Sweden).

- 2005 1st course on Clinical Immunology held in Alneelain Medical Research Center (Khartoum –Sudan).
- 2005 the 2ed course on applied Biomedical Statistics held in Khartoum (Sudan).
- 2004 Training Courses on Teaching Methods for Medical and Health staff from Educational and Development Centre for Health Professions-University of Khartoum (Sudan).
- 2004 Course Diploma in Biostatistics and SPSS. Alneelian University (Sudan).
- 2004 Course Diploma in Cytogenetics and Molecular Cytogenetics held in Khartoum by the Sudanese Cancer Research group in collaboration with department of Clinical Genetics ,Lund University Hospital (Sweden).
- 2003 Course of Molecular Biology. Ministry of Health (Sudan).

Workshops and conferences

- April 2018 Speaker at 4th Madinah haematology conference held at Almadinah ,Saudi Arabia
- Feb 2018 successfully completed the National committee of Bioethics web based training course at king Abdul-Aziz city for Science and technology (KACST)
- 2017 Training course in how to use iThenticate software for plagiarism detection
- 2017 Training course on how to use up to date website
- March 2014 4th Emirates Hematology conference participation by poster entitled Frequencies of BCR ABL fusion transcripts in Sudanese patients with CML using Real time RT-PCR- (UAE)
- March 2013 3ed Emirates Haematology conference (UAE)
- October 2011 participation in first curriculum development workshop of medical laboratory Sciences in Sudan International University (Sudan).
- October 2011 participation in first curriculum development workshop of medical laboratory Sciences in Aljazera University (Sudan).
- October 2011 participation in first curriculum development workshop of medical laboratory Sciences in Alneelin (Sudan).
- January 2010 workshop on evaluation and assessment of student's held by Health Education Development Center (Alzaiem Alazhari University) (Sudan).
- October 2008 participation in first curriculum development workshop of medical laboratory Sciences in Alzaiem Alazhari University (Sudan).

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- October 2008 First Arabian Workshop in Fetal DNA Extraction from Maternal Blood (Egypt).
- May 2006 Africa calls program in collaboration between ANNENBERG CENTRE OF HAEALTH SCIENCES (USA) and FACULTY OF HAEALTH SCIENCES (SUDAN) titled (Molecular diagnostics for cytopathology).
- November 2006 The first scientific meeting conference of the Sudanese society of clinical biology-Sudan.
- May 2006 Arab medical laboratory conference-Syria.
- April 2006 workshop in Medical Education at the Federal Ministry of Health.

Languages

- Arabic and English – Excellent reading, writing & speaking.

References

Available Upon Request.