

## *Curriculum Vitae (CV)*



### **Personal Information**

**Name:** Hiba BadrEldin Khalil Ahmed (**Hiba Khalil**), Ph.D., Post-Doc, ABRM

**Title:** Professor (PF) of Hematology and Stem Cell Technology/Medical Laboratory Sciences Consultant/Stem Cells Clinical Scientist

**Current Position:** Scientific Researcher at Abu Dhabi Research Center, UAE

**Current Place and Address of Work:** Abu Dhabi Stem Cells Center, Abu Dhabi, United Arab Emirates

**Previous Position:** Director of Alneelain Stem Cells Center, Alneelain University, Khartoum, Sudan

**Nationality:** Sudanese

**Place and date of birth:** Khartoum, 28-Oct-1979

**Social Status:** Married with three children

**Telephones:** UAE (+971557857812)/ Sudan (+249912197999/ +249123012356)

**Emails:** [hibabadr@gmail.com](mailto:hibabadr@gmail.com) / [hiba.ascc@neelain.edu.sd](mailto:hiba.ascc@neelain.edu.sd)

**Facebook:** <https://www.facebook.com/hiba.b.khalil>

**LinkedIn:** <https://www.linkedin.com/in/hiba-badreldin-bb325345>

### **Educational Qualifications**

1. 2022: **American Board of Regenerative Medicine, USA.**
2. 2021: **Aesthetic Medicine Diploma, The American Association of Continuing Medical Education, Cairo, Egypt.**
3. 2013: **Post-Doctoral fellowship in Stem Cell Therapy (Human Clinical Trial) , Cell Therapy Center (CTC) , Jordan University, Jordan.**
4. 2011: **Doctor of Philosophy (Ph.D.) in Hematology and Stem Cell Technology (Experimental Animal Trial), Alneelain University and Cairo University (Joint Project).**

5. 2007: **Master Degree (M.Sc.) in Molecular Hematology**, Alneelain University.
6. 2002: **Honor Bachelor's degree (B.Sc.) in Hematology and Immunohematology**, Faculty of Medical Laboratory Sciences - Alneelain University.

### **Present Positions / Official Practice**

1. Professor (PF) of Hematology and Stem Cell Technology, Alneelain Stem Cells Center and Faculty of Medical Laboratory Sciences, Alneelain University, Khartoum, Sudan.
2. Sudan Diplomat and Affiliate of the American Board of Regenerative Medicine, USA.
3. Board Member of the National Council for Medicines, Federal Ministry of Health, Khartoum, Sudan
4. Head of Scientific Research Board of Alneelain Stem Cell Center, Alneelain University.
5. Deputy Editor in Chief of Laboratory Medicine Journal (LMJ), Faculty of Medical Laboratory Sciences, Alneelain University, Khartoum, Sudan.
6. Committee Member of Post Graduate Updating committee for Hematology Syllabus, Department of Hematology, Faculty of Medical Laboratory Sciences, Alneelain University, Khartoum, Sudan.
7. Faculty Board Member of Medical Laboratory Sciences, Alneelain University, Khartoum, Sudan.
8. Senate Board Member of Alneelain University, Khartoum, Sudan.
9. Post-Graduate Studies Board Member, Alneelain University, Khartoum, Sudan.
10. Full and First member from Sudan of the International Society of Stem Cell Research (ISSCR), USA.

### **Previous Positions**

1. 2017-2023: Director of Alneelain Stem Cell Center, Alneelain University, Khartoum, Sudan.
2. 2013: Project Leader of Stem Cell Therapy for Knee Osteoarthritis (Clinical Trial Phase I&II) , Cell Therapy Center , Jordan University ,Amman, Jordan.
3. 2014: Associate Professor of Hematology and Stem Cells Technology, Alneelain Stem Cells Center and Faculty of Medical Laboratory Sciences, Alneelain

University, Khartoum, Sudan.

4. 2017: Academic Registrar, Faculty of Medical Laboratory Sciences, Alneelain University.
5. 2008: Head of Hematology Department, Faculty of Medical Laboratory Sciences, Alneelain University, Khartoum, Sudan.
6. 2003-2004: Researcher Assistant, Alneelain Medical Research Center, Faculty of Medicine Alneelain University, Sudan.
7. 2014-2017: Board Member of the Students Cases of Fraud and Misbehavior, Alneelain University, Khartoum, Sudan.
8. 2010-2020 Founder and Owner of Sudanese Clinics Complex, Khartoum, Sudan.
9. 2019-2022: Founder and Director of MIOT Laboratories for Diagnosis and Cell Therapy Unit, MIOT Medical Center, Manshia Area, Khartoum, Sudan.

#### **Academic and Scientific Achievement**

1. Pioneer in Stem Cell Therapy in Sudan; The first **Post-Doc Fellowship** as Human Trial from Cell Therapy Center, Jordan University.
2. Pioneer in Stem Cell Technology in Sudan; The First **Ph.D. degree in Stem Cell Technology** in Sudan.
3. Founder/Director of Alneelain Stem Cell Center (**The First Stem Cell Center in Sudan**) at Alneelain University.
4. **Introduce and Transfer the Technology of Cellular Therapy Protocols** for Knee Osteoarthritis, Skin Care, Diabetic ulcers and Burns.
5. Instructor and Founder **the only workshops** of Stem Cell Technology (Theory and Hands on) in Sudan.

#### **Visits/Agreements/MOU**

1. MOU of the development of an international partnership in the space of regenerative medicine education and certification, International Development Director (Dr.Rozina Badal) , American Board of Regenerative Medicine,USA.
2. MOU of Scientific and Academic Co-operation, Cell Therapy Center, Jordan University, Jordan.
3. MOU of the Scientific Collaboration between Alneelain Stem Cell Center, Alneelain University, Sudan and Tissue Engineering group, Bergen University,

Norway.

4. Official Visit for Scientific and Academic cooperation with the Center of Genetic Engineering and Stem Cell, Al Azhar University, Cairo, Egypt.
5. Official visits to Pasteur Institute, Gustav Cancer Research Center and San Louis Hospital by France Embassy for scientific collaboration in Stem Cells technology and Cancer Researches, Paris, France.

#### **Founding/Instructing/ Educational Certification**

1. **Founder and Instructor of; Advanced Stem Cell Technology** - Master of Hematology - Faculty of Medical Laboratory Sciences -Alneelain University, Sudan.
2. **Founder and Instructor of; Stem Cell and Developmental Biology** - Master of Molecular Medicine- Faculty of Medicine, Alneelain University, Sudan.
3. **Founder and Instructor of; Stem Cell Biology** for the Professional Master of Blood Transfusion Medicine, Faculty of Medical Laboratory Sciences, Alneelain University, Sudan.
4. **Advanced Clinical Hematology** - Fifth Year - BSc - Faculty of Medical Laboratory Sciences, Alneelain University - Sudan.
5. **Advanced Diagnostic Hematology** - Fifth Year - BSc - Faculty of Medical Laboratory Sciences, Alneelain University -Sudan.
6. **White Blood Cells Disorders** - Fourth Year - B.Sc. - Faculty of Medical Laboratory Sciences, Alneelain University, Sudan.
7. **Malignant Disorders of WBCs** - Master by Courses of Hematology - Collage of Graduate Studies - Alneelain University, Sudan.
8. **Hemostasis** - Master by Courses of Hematology - Collage of Graduate Studies - Alneelain University, Sudan.
9. **Stem Cell Transplantation** - Master by Courses of Blood Transfusion Medicine - Collage of Graduate Studies - Alneelain University, Sudan.
10. **Red Blood Cells Disorders** - Master by Courses of Hematology - Faculty of Medical Laboratory Sciences, AlZaim Alazhry University, Sudan.
11. **Neoplastic Disorders of RBCs** - Master by Courses of Hematology - Faculty of

**Symposiums/Conferences/Workshops/Consortiums**

1. **2023: Attended MEMBS 6th Annual Congress; Practical Genetic Testing for Clinical Practitioners**, Dubai, UAE (15-July).
2. **2023: Attended New Advanced in Apheresis, Cell Therapy, and Metabolic Disease Conference**, Research Institute of Medicine and Health Sciences, Sharjah University, Dubai, UAE (5th June).
3. **2023: Oral Speaker of the 2nd MENA forum; Latest updates in Stem Cells Transplantation technologies, Applications, and research advancements**, Dubai, UAE (17-18 March).
4. **2023: Oral Speaker of the 13 Annual Scientific Meeting; Stem Cells in Gynecology, Obstetrics and Infertility**, Khartoum, Sudan (19-20 FEB)
5. **2023: Instructor, Organizer and Speaker of Alneelain Stem Cells Center Consortium in collaboration with tissue engineering group of Bergen University, Norway; Bioprinting of Stem Cells is the future of Regenerative Medicine (7-Jan)**, Alneelain University, Khartoum, Sudan.
6. **2022: Instructor and Organizer of the Stem Cells Technology Pre-Workshops Conference of the 12<sup>th</sup> Annual Post Graduate Conference of Alneelain University**, 28-29 Nov, 2022, Sudan.
7. **2022: Instructor and Speaker in the first forum of; The Role of Stem Cells on Childhood Cancer**, Alneelain Stem Cells Center, Alneelain University, Khartoum, Sudan 10 October, 2022.
8. **2022: Oral Speaker in Middle East and North Africa Forum(MENA), Stem Cells from Development to Therapy**, Dubai, UAE, 18-19 March, 2022.
9. **2020: Oral Speaker in Virtual Women Health Conference, EOFF, Dubai, UAE; Women; The Natural Biobank of Healthy Stem Cells**, 11 December, 2020.
10. **2020: Instructor and Organizer of Pink Day Symposium; Diagnosis and Treatment of Breast Cancer (Present and Future)** 28, October, 2020.
11. **2019: Instructor and Organizer of the Pre-Workshops Conference of the 11<sup>th</sup> Annual Post Graduate Conference of Alneelain University**, 18-26 Dec, 2019.
12. **2018: Oral speaker, 6th ESPCR Conference in Stem Cell Biology and Future of Regenerative Medicine**, 8-9 July, Cairo, Egypt.

13. 2017: **Mentor and Organizer of Stem Cell Diploma**, Egyptian Society of Pluripotent Stem Cells Research (ESPCR), 5-18 March, Cairo, Egypt.
14. 2016: **Oral Speaker** in the 3<sup>rd</sup> workshop of the Stem Cells Biology of African Academy of Sciences for Advanced Research; **Stem Cells Therapy for Myocardial Infarction**, 27 June to 1 July -2016, **Stellenbosch** Cape Town, South Africa.
15. 2016: **Oral Speaker** in the Annual Meeting of ESPCR, conference of **Advances of Stem Cell Biology**, 27-28 Feb -2016 **Cairo, Egypt**.
16. 2015: **Oral Speaker** in the 6 International Conference of the **Sudanese Orthopedic Surgeons Association**,4-6-Dec - 2015, **Khartoum, Sudan**.
17. 2015: **Oral Speaker** in the International Society of Clinical Chemistry and Laboratory Medicine, 29-30 - Nov -2015, **Khartoum, Sudan**.
18. 2014: **Mentor and facilitator** in the 2nd workshop of; **Mentoring the African Scientist in Stem cell and Regenerative Medicine**, The African Academy of Science, 4-6, August, Kenya, Nairobi.
19. 2014: **Instructor of the 2nd workshop** of; Isolation of Mesenchymal Stem Cell from Cord Tissue, Alneelain University, Khartoum, Sudan (17-19 June).
20. 2014: **Attendee Arab Health Conference** - Dubai - UAE (25-28 Feb).
21. 2014: **The Fifth Annual Conference of Collage of Graduate Studies** - Alneelain University- Sudan - Khartoum (18-20 Jan).
22. 2013: **Instructor of the 1<sup>st</sup> workshop** of; **The basic Principles of Stem Cell Isolation**, Alneelain University, Khartoum, Sudan (4-5 Dec).
23. 2013: **Participant in** The 3<sup>rd</sup> conference of Jordan Society for Medical Laboratory Sciences - Jordan - Amman (23-25 Mar).
24. 2012: **Attendee Arab lab conference** - Dubai - UAE (25-27 Mar).
25. 2011: **Participant in** The third annual conference of graduate collage - Alneelain university- Sudan - Khartoum (19-20 Nov).
26. 2010: **Participant in** The second annual conference of graduate collage - Alneelain university- Sudan - Khartoum (10-13 Oct).
27. 2009: **Participant in** The First Conference of Graduate Collage - Alneelain University - Sudan - Khartoum (6-9 Oct).
28. 2008: **Participant in** The First Conference on Stem Cells Applications - Misr

University – Cairo (24- 25 Dec).

29. 2005: Participated in 4<sup>th</sup> workshop seminar on Advance Cancer Genetics - Khartoum - Sudan (19 - 24 Nov).

30. 2004: Participant in The First National Symposium of Clinical Cytogenetic - Faculty of medicine- Alneelain University - Sudan (2 - 4 March).

### Publications

1. **Molecular Detection of Tyrosine Kinase Inhibitor Resistant Mutations T315I and F317L in Chronic Myeloid Leukemia in Sudan;** Noah Awad, Aboalagasim, Nawal Altayeb and **Hiba Khalil**, European Journal of Biomedical and Pharmaceutical Sciences, 2021, volume 8.
2. **Frequency and prognostic value of NPM1 mutations in Sudanese acute myeloid leukemia patients;** Eman Ali Elzain 1, \*and **Hiba BadrEldin Khalil**, GSC Biological and Pharmaceutical Sciences, 2021, 14(02), 181–184.
3. **CYP1A1 and CYP2D6 Polymorphisms and Susceptibility to Chronic Myelocytic Leukemia;** Hadeil ME Idris, **Hiba B Khalil**, Jeremy Mills, Abozer Y. Elderderly\* , Current Cancer Drug Targets. <https://doi.org/10.2174/1570163817666200518081356>, May 17, 2020.
4. **Genetic Polymorphism of GSTP1, GSTM1 and GSTT1 Genes and Susceptibility to Chronic Myeloid Leukaemia;** Hadeil ME Idris; Abozer Y Elderderly; **Hiba B Khalil**; Jeremy Mills, Asian Pacific Journal of Cancer Prevention, Vol 21; Volume 21, Issue 2, February 2020, Pages 499-503.
5. **D. DIMER Level in Multiple Myeloma Patients Pre and Post Treatment,** Hiba Habeb Alla Mohammed Hussein and **Hiba Khalil**, European Journal of Pharmaceutical and Medical Research, ejpmr,2020,7(4),156-160.
6. **Detection of Genetic polymorphisms of Methylene Tetrahydrofolate Reductase among Sudanese patients with chronic myeloid leukemia'**, Tebien, EM, Elderderly, AY, Mills, J & **Khalil, HB** 2019, Pakistani Journal of Medical and Health Sciences, vol. 13, no. 4, pp. 1325-1329.
7. **HLA-A, HLA-B and-HLA-DRB1 Alleles Diversity among Sudanese Renal & Bone Marrow Donors,** Elrabab S. Elmusharaf1\*, Ahmed E. Ahmed2, **Hiba B.**

- Khalil<sup>3</sup>, Abdellatif E. Yousif<sup>4</sup>, Archives of Immunology and Allergy, ISSN: 2639-1848, Volume 2, Issue 2, 2019, PP: 10-16**
- 8. Association of BCL11A Genetic Polymorphisms with Fetal Haemoglobin Level in Sudanese Patients with Sickle Cell Anaemia, Shireen Zuhdi Nimer<sup>1\*</sup>, Elshazail Widaa Ali<sup>1</sup> and Hiba Khalil<sup>2</sup> , 2019.**
  - 9. Fetal Hemoglobin and Disease Severity in Sudanese Sickle Cell Anaemia Patients, Shireen Z. Nimer, El Shazali W. Ali, Hiba Khalil. African Journal of Medical Sciences, 2019, 4 (7). ajmsc.info.**
  - 10. The role of genetic polymorphisms of the MTHFR (C677T and A1298C) gene in the incidence of Acute Myeloid Leukaemia ; Nada Abdalfatah Diab ; Abozer Y. Elderderly , Dr Jeremy Mills , Hiba B. Khalil , Pakistani Journal of Medical and Health Sciences , Volume 13, Page 1330-1334, Issue 4, 16 Dec 2019.**
  - 11. Assessment of Umbilical Cord Mesenchymal Stem Cells Cultivation using Fetal Bovine Serum or Human Platelets Lysate; Gamila Atta El Manan and Hiba Khalil. African Journal of Medical Sciences, 2018, 3 (8) ajmsc.info.**
  - 12. Comparative Assessment of Stem Cells Count, Viability and Hematological Parameters of Umbilical Cord Blood in Healthy and Preeclampsia Deliveries, Sara M.Ahmed and Hiba B. Khalil, African Journal of Medical Sciences,2018,3(12)ajmsc,info.**
  - 13. Intra-articular injection of expanded autologous bone marrow Mesenchymal cells in moderate and severe knee osteoarthritis is safe: a phase I/II study; Mahasen Al-Najar, Hiba Khalil, Jihad Al-Ajlouni, Eman Al-Antary, Mohammad Hamdan, Reem Rahmeh, Dana Alhattab, Osama Samara, Mohamad Yasin, Amenah Al Abdullah, Esraa Al-jabbari, Dima Hmaid, Hanan Jafar, Abdalla Awidi; BioMed Central part of Springer Nature, Journal of Orthopedic Surgery and Research, Nov - 2017.**
  - 14. D-dimer Levels in Patients Presenting Chronic Kidney Disease in Sudan by Noha Mohammed Siddig Mohammed and Hiba Badr Eldin Khalil, American Journal of Medicine and Medical Sciences 2016, 6(3): 120-122 DOI: 10.5923/j.ajmms.20160603.09.**
  - 15. The Risk of Null- Glutathione S Transferase Theta 1 (GST-T1) Polymorphism in Essential Thrombocythaemia by Zeinab Jafar Alrashid, Ibrahim Khidir Ibrahim and \*Hiba Badreldin Khalil. International Journal of Advanced Research (2016), Volume 4, Issue 6, 1184-1186.**



16. **Pre-analytical Insurance of Hyperlipidemic Samples D- dimer Assay in Diabetic Patients** by Shireen Zuhdi Nimer and **Hiba BadrEldin Khalil\***. European Journal of Biomedical AND Pharmaceutical sciences (2016) Volume: 3 Issue: 6 599-601.
17. **Risk of Thrombosis in Upper GIT Bleeding Patients** by Omima Mohammed Adam and **Hiba BadrEldin Khalil**, Laboratory Medicine Journal, LMJ 2016; 2(1):31-36.
18. **Haptoglobin Phenotypes distribution among Sickle Cell anemia patients with different genotypes** by Hind Osman Ahmed Khalid and **Hiba BadrEldin Khalil Ahmed**, EUROPEAN ACADEMIC RESEARCH, Vol. III, Issue 6/ September - 2015.
19. **Assessment of Quantitative D. Dimer Level among Sudanese Smokers** by Sara Amir Abd Elkarim and **\*Hiba BadrEldin Khalil**, International Journal of Information Research and Review. Vol. 02, Issue, 12, pp. 1464-1466 December, 2015.
20. **Haptoglobin phenotypes distribution among Hemolytic Disease of Newborn (HDN)** by **Zeinab AbusharAbdElmotaal Mokhtar, Kamal Eltayeb Elemam and Hiba BadrEldin Khalil Ahmed**, International Journal of Research and Development Organization. VOL 1, ISSUE 10, October 2015.
21. **Comparison between Intravenous and Intraperitoneal Injection of Human Stem Cell (CD34+) with / or without Mesenchymal Stem Cell in Albino Rats.** 1**Hiba BadrEldin Khalil**, 2**Hala Gabr Metwally**, \*,1**Elshazali Widaa** 3**Ali, Ahmed Mohamed Taha**, 4**Elshibli Mohamed Elshibli** 5**Imad Mohammed Fadl-Elmula**.International Journal of current research, Vol. 6, Issue 12, pp.11079-11081, December, 2014.
22. **The effect of green tea consumption on fibrinogen level among healthy Sudanese volunteers.** 1**Ayat Fadol Saeed**, 2**Esraa salah aldeen Mohammed**, 3**Ragaa Aboalgasem**, 4**Hiba BadrEldin Khalil**, 5**Elshazali Widaa Ali**, 6**Ibrahim Khider Ibrahim**, International Journal of Medical and Pharmaceutical Research, 2014.
23. **Variations of Platelets Indices in Pregnancy Induced Hypertension**1, **Fahmi Elsir Mohammed**, 2**Hiba Badreldin Khalil**, 3**Mubarak Ibrahim Idriss**, 4**Tag Eldien Mohamadein Abdalla** , and 5**\*NourEldaim Elnoman Elbadawi**, Journal of Physio biochemical Metabolism 2013, 2:1.  
<http://dx.doi.org/10.4172/2324-8793.1000106>
24. **Screening of Coagulation Factor XIII deficiency in Sudanese Patients with**

- Haemorrhagic Stroke;** Elshazali Widaa Ali\*1,Sundos Ali Alhaj Salih1, Ibrahim Khider Ibrahim1, Nasreldin Ali Mohammed1, **Hiba Badreldin Khalil1**, JPBR , 2013 Feb; 3(2):367-369 , Journal of Pharmaceutical and Biomedical Research.
25. **Determination of D-dimer level and coagulation profile among polycythemia Sudanese patients.** Eman Adam Taha Hussein<sup>1\*</sup>, **Hiba Badreldin Khalil<sup>2</sup>** , Omer A.Eisawi<sup>3</sup> E-mail: [thefieneman@hotmail.com](mailto:thefieneman@hotmail.com). Laboratory Medicine Journal.(LMJ),Issue 3, 2013, Alneelain University.
26. **Blood group and Rhesus antigens among Blood donors attending the Central Blood Bank, Sudan,** Waleid M.Shahata1, **HibaB.Khalil2**, Awad Elkareem Abass3, Ishg Adam, 4\*Shahad M.Hussien4, E. [ishagadam@hotmail.com](mailto:ishagadam@hotmail.com), Sudan JMSVol.7, No.4.December 2013.
27. **Hematological Changes Among Tuberculosis Sudanese patients,** Mubarak I Idriss 1, **Hiba B Khalil2**, Abbashar O Abbashar3, Sara Widaah 3&Mamoun Magzoub\*4, Al Neelain Medical Journal,28/2/2012, ISSN1858-6279, Khartoum, Sudan, 2013.
28. **The Effect of Freezing Storage of Citrated Plasma on Prothrombin Time and Activated Partial Thromboplastin Time,** Elshazali Widaa Ali\*1,Ibrahim Khider Ibrahim1, Nasreldin Ali Mohammed1, **Hiba Badreldin Khalil1**, Asian Journal of Biomedical and Pharmaceutical Sciences,25 Aug , 2013.
29. **The Role of Plasma D-dimer Level in Diagnosis of Myocardial Infraction,** Ibrahim M. Lawz, **Hiba B. Khalil**, Ibrahim K. Ibrahim. Laboratory Medicine Journal (LMJ), Issue 1, 2012, Alneelain University, Khartoum, Sudan.
30. **Study of Erythrocyte and Reticulocyte Indices among Patients with Chronic Kidney Disease,** Mazahir Hassan Ahmed1, **Hiba Badr Eldin khalil1** , Khalid Mohamed Adam2 , Nasr Eldeen Ali Mohammed1 , Journal of Science / Vol 5 / Issue 12 / 2015 / 1387-1390.

#### Published Book

- **Book (Amazon): Haptoglobin Phenotypes distribution among Sudanese Leukemic Patients by Hiba Badreldin Khalil, Atif Ahmed Elagib and Imad M. Fadl-Elmula (Mar 20, 2013).**

### **Students Researches Supervision**

I am Supervised more than 100 National and International Students for BS.c, MSC, and PhD degree among different Universities in Sudan.

### **Research Project /Clinical Trials in Progress**

1. Cancer Stem Cells Project
2. Cellular Therapy of Infertility
3. Cellular Therapy for Spinal Cord Injury

### **Reviewing /Committees Positions**

1. External Reviewer of Hematology Syllabus, Updating Workshop of Medical Laboratory Sciences, Master by Courses, Faculty of Medical Laboratory Sciences, Shendi University, Shandi City, Nahr Elnile , Sudan.
2. External Examiner, for Master Researches, Faculty of Medical Laboratory Sciences, Sudan University, Khartoum, Sudan.
3. External Examiner, for Ph.D. researches, Faculty of Medical Laboratory Sciences, Alzaim Alzhry University, Khartoum, Sudan.
4. External Examiner, for MSCs researches, Faculty of Medical Laboratory Sciences, Shandi University, Khartoum, Sudan.
5. External Examiner, for MSCs researches, Faculty of Medical Laboratory Sciences, University of Medical Sciences and Technology, Khartoum, Sudan.
6. Internal Examiner for MSCs and Ph.D. Researches at Faculty of Medical Laboratory Sciences, Alneelain University.

### **Training /Courses Attended**

1. 2019: Training on Peeling & Derma & PRP on Face and Hair – The British Academy of Continuing Medical Education, Cairo, Egypt (15 Hours - July).
2. 2009: Training on Stem Cell Isolation and Culturing - Stem Cell Research Laboratory – AlGasr Alaini - Cairo University - Cairo - Egypt (May-August).
3. 2008: Towards Clinical Applications on Stem Cells - Misr University –Stem Cell

Research Center - Cairo - Egypt (24-26 Dec).

4. 2007: Researcher Certificate on Molecular Biology - National Cancer Institute (NCI) - Cairo University - Egypt (1-10 July).
5. 2004: Clinical Diploma on Cytogenetic and Cancer - Alneelain University (14-28 Feb).
6. 2004: Course on Immunology - Alneelain University (4-14 Jun).
7. 2003: Course on Molecular Biology - National Health Laboratory (28 Sep-15 Dec).
8. 2002: Training in Hematology Laboratory - Army Force Hospital - Khartoum - Sudan (Jul 2001 - Aug 2000).
9. 2001: Training in Hematology Laboratory - Police Hospital - Khartoum - Sudan (Jan - Jun).
10. 2000: Training in Hematology Laboratory and Blood Bank - Khartoum Hospital - Khartoum - Sudan (Mar - Jul).
11. 1999: Training in Microbiology Department at National health laboratory (STAC) - Khartoum -Sudan (May- Jun).

### **Grant Awarded**

- Award five grants for Alneelain Stem Cells Center from the ministry of higher education and scientific research, Sudan as followings:
- Two Grants for the infra-structure (Laboratory Instruments)
- Grant for Breast Cancer Project
- Two Grants for (one year reagents and requirements)

### **Community Services**

- **Instruct the clinic of cells therapy for;**
- *Knee Osteoarthritis*
- *Burns*
- *Diabetic foot ulcers*
- **Breast Cancer Awareness**
- **Childhood Cancer Awareness**
- **Awareness and public lecture of Stem cells biology, technology and applications among most of universities in Sudan**

- **Certified Stem Cells Diploma for 23 Universities Staff from 23 different Sudanese universities to distribute the knowledge.**

### **Fields of Interest**

- Stem Cell Biology
- Regenerative Medicine
- Hematology
- Molecular Hematology
- Cancer
- Genetics
- Medical Laboratory Sciences
- Cellular Therapy
- Biomarkers
- Experimental Animals
- Clinical Trials
- Quality Assurance

### **Memberships and Associations**

1. International Association of Stem Cells and Regenerative Medicine
2. International American Board of Regenerative Medicine
3. Arab Regenerative and Stem Cells Association
4. United Arab Emirates Stem Cells Association
5. American Society of Regenerative Medicine
6. International Society of Stem Cell Research
7. Sudanese Academy of Young Scientists
8. Sudanese Society for Clinical Biology and Laboratory Medicine
9. Sudanese Group for Medical Investigations
10. Sudanese Cancer Research Group
11. Sudanese Intersex Working Group
12. Sudanese Federal of Medical Laboratory Sciences

## Appreciation and Acknowledgments

1. **2022:** Letter of **Acknowledgment and Appreciation** from the **Vice Chancellor of Alneelain University**, Sudan regarding my role as a director of Alneelain Stem Cells Center, (23-Dec).
2. **2022:** Certificate of Acknowledgment and **Appreciation from the students** of the Faculty of **Medical Laboratory Sciences**, Alneelain University, Sudan (Lecture on; How to Select your Specialization in Medical Laboratory Sciences), (20-Sep).
3. **2022:** Certificate of Appreciation, **Inspiring Guest Lecture in; Stem Cell Field (Education and Therapy)**, Gulf Medical University, Ajman, UAE (24-March).
4. **2017:** Letter of **Acknowledgment and Appreciation** from the **Vice Chancellor of Alneelain University**, Sudan regarding my role as Academic Registrar at Faculty of Medical Laboratory Sciences, (4-April).

## Spoken languages

1. Arabic
2. English

## Personal Skills

1. Interested in the Stem cell technology and Laboratory work.
2. Interested in research work.
3. Hard worker and committed person.
4. Interested in team work.
5. Have strong communication and networking skills.

## References

- Prof. Dr. Imad Mohamed Fadl Elmula, Professor of Clinical Genetics, Alneelain Stem Cell Center, Alneelain University, Khartoum, Sudan.

- Prof. Dr. Kamal Mustafa Elnur, Professor of Clinical Dentistry and Stem Cell Biology, Leader of Tissue Engineering Group, Bergen University, Norway.
- Prof. Dr. Abdalla Awidi Alabadi, Professor of Oncology and Hematology, Director of Stem Cell Center, Jordan University, Amman, Jordan.
- Dr. Rozina Badal Munir, International Development Director, American Board of Regenerative Medicine, USA.
- Khalil M Ibrahim, MD, MHSA, Chief Executive Officer, Stem Cell Researcher R3 Gulf LLC, Virginia Tyson Corner Mclean. 5500 Saddlebrook, Burke VA 22015 E-mail: r3stemcellg@gmail.com - r3stemcellg@gmail.com Mobile: (703) 587 4623. Presently, Chief Operation Officer for Professor Richard Burt Group in GCC.
- Prof. Nahla Mohamed, PhD, Professor of Virology, Institutionen för vatten och miljö, Sveriges Lantbruksuniversitet, MVM-huset: Lennart Hjelm's väg 9, Uppsala, Box 7050, 75, Uppsala-Sweden.
- Prof. Dr. Hala Gabr Metwally, Professor of Hematology and Stem Cell Technology, Clinical Pathology Department, Faculty of Medicine, Cairo University.
- Prof. Dr. Kamal Hashim Benawwy, Professor of Ophthalmology, Alneelain University, Khartoum, Sudan.
- Prof. Dr. Sayed Barky, Professor of Embryology and Reproductive Technologies Consultant & Expert in Stem Cells & Mitochondrial Research, Alazhar University, Cairo.