

Suleimman Alswedan, MD, MS,FAAP

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JORDAN

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MEDICAL TRAINING

Pediatric Hematology/Oncology/HSCT Fellow University of Minnesota	2003-2006
Pediatric Residency Michigan State University; Flint, MI	2000-2003

EDUCATION

Masters of Clinical Research University of Minnesota, School of Public Health	2004-2006
Medical School University of Jordan	1984-1990

AWARDS AND HONORS

I have been chosen as a Distinguished Academic Guest to participate in the 61st Annual Meeting of Nobel Prize Winners which was held at Lindau - Germany.	6/2011
Faculty of Medicine representative in the University Council	2009/2010
Department representative in the Faculty council	2007 & 2008
Chief Fellow University of Minnesota Division of Pediatric Hematology/Oncology/HSCT	2005-2006
Young Investigator traveler award Pediatric Academic Societies (PAS)/USA	2006
Young Investigator traveler award – American Society of Pediatrics Hematology & Oncology (ASPHO)	2005
Fellows' research symposium award University of Minnesota research symposium	2005

ADMINISTRATION AND COMMITTEES

Member, Basic Research Committee, Office of Research Affairs	2016-Now
Head Section of leukemia/Lymphoma/KFSHRC	2014-Now
Chairman, Department of pediatrics	2010-2012
Assistant Dean of Faculty of Medicine	2009-2012
Scientific research Committee	2007-Now
Student Counseling Committee	2006
Infectious Disease Control Committee	2007-Now
Cancer Committee at KAUH	2006-Now
Jordanian Thalasemia National Committee	2007-Now

MSC STUDENTS SUPERVISION

A comparison of plasma levels of natural anticoagulants (prottein C and protein S) among Jordanian smokers and none smokers. Mohamad Moeen, JUST

The prevalence of factore V Ieiden (G1691A), prothrombin G20210A and MTHFR C677T mulations in Jordanian patients with beta-thalassemia major. Muna Iraqi, JUST

Seroprevalence and genotyping of hepatitis C virus in multiple tranfused Jordanian patients with B-Thalasemia major. Khitam Amer, JUST

Factors predicting the haematopoietic stem cells content of the umbilical cord blood in Jordan. Lama Msalam, JUST

Identification of nutritional risk factors of iron deficiency anemia in children (12-60 months in North Jordan. Jamal Abdalla, JUST

Molecular variants of glucose-6-phosphate dehydrogenase deficiency among Jordanians. Noor Awad, JUST

Perforin gene (PRF1) mutations in patients with acute and chronic idiopathic thrombocytopenia purpura . Yaya Amutairy, JUST

Perforin Gene Mutations in Patients with Lymphoma or Acute Lymphoblastic Leukemia. Nazek Mohamed. JUST

Genotoxicity Assessment of Thalassemia minor in Jordanian patients. Ruba Isam. JUST.

Platelet indices as quality markers for remission in patients with leukemia.

Diagnostic Significance of FL3 and NPM1 Gene Mutations in Acute Myeloid Leukemia, Ahmad Obeidat.

The effect of FLT3 gene mutations on angiogenesis in acute myeloid leukemia, Doa Ghanem

MSC STUDENTS EXAMINER

Examiner for MANY master students in the fields of hematology and oncology.

MANUSCRIPTS REVIEWER

Reviewer for many manuscripts from many Journals.

PUBLICATIONS/ABSTRACTS

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ali Al Ahmari, Ibrahim Ghemlas, Amal Al Seraihy. Allergic Reaction to Asparaginase in Pediatric Acute Lymphoblastic Leukemia (A.L.L.) – Does it have any prognostic value?. (Abstract 49th Congress of the International Society of Pediatric Oncology (SIOP), 12-15 October 2017, Washington D.C., USA).

Suleimman Alswedan, Rafat Jafri, Amal Al-Seraihy, Ali Al Ahmari, Ibrahim Ghemlas, Khawar Siddiqui. DNA Index and Triple Trisomy at Diagnosis, and Pattern of Relapse in Children with Acute Lymphoblastic Leukemia (A.L.L.) – Reporting results from a single institution (2005-2014). (Abstract 49th Congress of the International Society of Pediatric Oncology (SIOP), 12-15 October 2017, Washington D.C., USA).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ali Alahmari, Ibrahim Ghemlas, Hawazen AlSaedi, Amal Al-Seraihy. Review of Clofarabine in pediatric patients with relapse Acute Myeloid Leukemia (AML) in Children's Cancer Centre in Saudi Arabia. (Abstract 30th ASPHO Annual Meeting, Montréal, Quebec, Canada, 26 -29 April 2017).

Suleimman Alswedan, Rafat Jafri, Amal Al-Seraihy, Ali Alahmari, Ibrahim Ghemlas, Hawazen AlSaedi, Khawar Siddiqui. Review of Clofarabine in pediatric patients with relapse/refractory Acute Lymphoblastic Leukemia (AML) in Saudi Arabia. (Abstract 30th ASPHO Annual Meeting, Montréal, Quebec, Canada, 26 -29 April 2017).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ali Alahmari, Ibrahim Ghemlas, Neameh Farhan, Amal Al-Seraihy. Hyperdiploidy and treatment outcome in Pediatric Acute Lymphoblastic Leukemia – studying the relationship in 376 cases. (Abstract 12th Continental Meeting SIOP Africa, Marrakech, Morocco, 5-7 April 2017).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ali Alahmari Ibrahim Ghemlas, , Mouhab Ayas, Amal Al-Seraihy. Stem Cell Transplantation (SCT) in Pediatric Intermediate-Risk Acute Myeloid Leukemia (AML) with MLL Gene Rearrangement – Reporting 8 years of data from CIBMTR Member Centre, King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia. (Abstract 43rd Annual Meeting EBMT, Marseille, France, 26 - 29 March 2017).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ali Alahmari Ibrahim Ghemlas, , Mouhab Ayas, Amal Al-Seraihy. Stem Cell Transplantation (SCT) in Pediatric Acute Myeloid Leukemia (AML) with MLL Gene Rearrangement – Reporting 8 years of data from CIBMTR Member Centre, King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia. (Abstract 7th Emirates Hematology Conference, Dubai UAE, 16 - 18 March 2017).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ibrahim Ghemlas, Hasan Shahin, Ali Alahmari, Mouhab Ayas, Amal Al-Seraihy. Stem Cell Transplantation (SCT) in Pediatric Acute Myeloid Leukemia (AML) – Reporting 8 years of data from CIBMTR Member Centre, King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia. (Abstract 2017 BMT Tandem Meetings (CIBMTR), Florida, USA, 22-26 February 2017).

Al-Sweedan S, Al-Seraihy A, Al-Ahmari A, Al-Jefri A, Mohammed V, Jafri R, Siddiqui K, Ayas M. “Factors Determining the Outcome of Hematopoietic Stem Cell Transplantation in Patients with Acute Lymphoblastic Leukemia at King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia. J Pediatr Hematol Oncol. 2017 Jan; 39 (1):33-37. [Epub ahead of print]

Suleimman Alswedan, Khawar Siddiqui, Mohammed Anas, Amani Al Kofide, Rafat Jafri. Implications of Progressive Transformation of Germinal Center in Children. Experience at a single tertiary care center. (Abstract 49th SIOP Congress, Dublin, Ireland, 19 -22 October 2016).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ali Alahmari, Ibrahim Ghemlas, Naemah Farhan, Amal Al-Seraihy. Characteristics and outcome of MLL gene re-arrangement positive pediatric Acute Lymphoblastic Leukemia (ALL) – a report of 371 cases. (Abstract 10th SIOP Asia Congress, 25-28 May 2016).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Amal Al-Seraihy, Ibrahim Ghemlas, Ali Alahmari. Outcome of Relapsed and Non-relapsed patients in Pediatric Acute Lymphoblastic Leukemia (ALL): Ten Years’ Experience at King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia. (Abstract ASPHO 29th Annual Meeting, Minneapolis MN USA, 11-14 May 2016).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ali Alahmari, Ibrahim Ghemlas, Amal Al-Seraihy. Hyperleukocytosis in Pediatric Acute Lymphoblastic Leukemia (ALL): Does it make a difference? (Abstract ASPHO 29th Annual Meeting, Minneapolis MN USA, 11-14 May 2016).

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Amal Al-Seraihy, Ibrahim Ghemlas, Naemah Farhan, Ali Alahmari. Implications of BCR-ABL on outcome of Pediatric Acute Lymphoblastic Leukemia: Does it affect our patients too? (Abstract 6th Emirates Hematology Conference, Dubai UAE, 17-19 Mar 2016).

Al-Darwish M, Farhan N, Al-Jebreen A, Allam R, Al-Ahmari A, Seraihy A, **Al-sweedan S**, El-Solh H, Belgaumi, AF. “The contribution of multiple packed red blood cell transfusions toward cardiac and liver dysfunction in pediatric patients with acute myeloid leukemia. *Leuk Lymphoma* 2016 Feb 25:1-4. [Epub ahead of print]

Suleimman Alswedan, Khawar Siddiqui, Rafat Jafri, Ali Alahmari, Ibrahim Ghemlas, Naemah Farhan, Hassan El-Solh, Amal Al-Seraihy. Characteristics of patients with hyperleukocytosis in Pediatric Acute Lymphoblastic Leukemia (ALL) at King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia. (Abstract 4th International Conference of the Jordanian Society of Hematology, Amman Jordan, 10-12 February 2016).

Suleimman Alswedan, Rafar Jafri, Khawar Siddiqui, Amal Al-Seraihy, Ibrahim Ghemlas, Naemah Farhan, Hassan El-Solh, Ali Alahmari. Factors Predicting Central Nervous System (CNS) Relapse in Pediatric Acute Lymphoblastic Leukemias (ALL). (Oral Presentation 5th Pan Arab Hematology Association Conference, Cairo Egypt, 11-13 February 2016).

Nour AlMozain, Ayman Mashi, Asim Belgaumi , **Suleimman Al-Sweedan**, Faisal Rawas, Sahar Ramadan, Randa AlNounou. Discrepancies between DNA Index by Flow Cytometry and Cytogenetic Studies in Childhood B-Lymphoblastic leukemia. Abstract oral presentation Forth International Conference and Exhibition on Pathology” in new Orleans, USA 2015

Ashraf Khairy, **Suleimman Al-Sweedan**, Khaldoun Alkayed, Rafat Jafri , Ali-Ahmari, Khawar Siddiqui, Hassan El-Solh, Naemah Farhan, Mahasen Saleh. Outcome of treatment of patients with Acute lymphoblastic leukemia in Down syndrome . Experience at a single tertiary care center. (Abstract SIOP 2015)

Mahasen Saleh, **Suleimman Al-Sweedan**, Khaldoun Alkayed, Rafat Jafri ,Ali-Ahmari, Khawar Siddiqui, Hassan El-Solh, Naemah Farhan, Ashraf Khairy . Treatment of Acute myeloid leukemia in Down and non Down syndrome children. Seventeen years experience at a tertiary care center. (Abstract SIOP 2015)

Ashraf Khairy, **Suleimman Al-Sweedan**, Khaldoun Alkayed, Rafat Jafri ,Ali-Ahmari, Khawar Siddiqui, Hassan El-Solh, S. Markiz, Naemah Farhan. Mahasen Saleh. Acute myeloid leukemia –M7 in Down syndrome ; Dose it make a difference ? (Abstract SIOP 2015)

Mahasen Saleh, **Suleimman Al-Sweedan**, Khaldoun Alkayed, Rafat Jafri ,Ali-Ahmari, Khawar Siddiqui, Hassan El-Solh, Naemah Farhan, Ashraf Khairy .Does HDARA-C improve the outcome of Down syndrome patients with Acute myeloid leukemia ? (Abstract SIOP 2015)

Suleimman Al-Sweedan, Amal Al-Seraihi, Mouhab Ayas, Ali Al-Ahmari, Khaldoun Alkayed, Hassan El-Solh, Abudullah Al-Jefri, Hasan Shahin, Khawar Siddiqui, Rafat Jafri, Viqaruddin Mohammad, Naemah Farhan, Amal Mohammed, Asim Belgaumi. Factors determining outcome of Hematopoietic Cell Transplantation in patients with Chronic Myelogenous Leukemia at King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia. Abstract (Oral Presentation)/SIOP ASIA 2015)

Suleimman Al-Sweedan, Asim Belgaumi, Mouhab Ayas, Ali Alahmari, Khaldoun Alkayed, Hassan El-Solh, Abdulla Al-Jefri, Khawar Siddiqui, Rafat Jafri, Viqaruddin K Mohammed, Naemah Farhan, Amal Mohamed, Amal Al-Seraihi. Factors Determining Outcome of Hematopoietic Cell Transplantation in Pediatric Patients with Acute Myeloid Leukemia at King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia. Abstract/EBMT meeting 2015

Suleimman Al-Sweedan, Amal Al-Seraihi, Asim Belgaumi, Ali Al-Ahmari, Khaldoun Alkayed, Hassan El-Solh, Abudullah Al-Jefri, Khawar, Ashraf Khairi, Siddiqui, Rafat Jafri, Mohammad Viqaruddin, Naemah Farhan, Amal Mohammed, Mouhab Ayas. Factors determining outcome of Hematopoietic Cell Transplantation in patients with Acute Lymphoblastic Leukemia at King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia. Abstract/ASPHO meeting 2015

Mhaidat NM1, Alzoubi KH, Khabour OF, Banihani MN, Al-Balas QA, **Swaidan S.** GRP78 regulates sensitivity of human colorectal cancer cells to DNA targeting agents. Cytotechnology. 2014 Nov 16. [Epub ahead of print]

Awidi A, Faouri S, Kiswani BA, **Al-Sweedan S.** Albarqawi M, Bsoul N, Haddadin I, Al-Falah M, Telfah A, Hermans C. Haemophilia prophylaxis: a model and future directions in Jordan. Blood Transfus. 2013 Jul 26;1-2. doi: 10.2450/2013.0082-13.

Al-Sweedan SA, Obeidat B, Msalam L. Factors predicting the hematopoietic stem cells content of the umbilical cord blood. Transfus Apher Sci. 2013 Apr;48(2):247-52. doi: 10.1016/j.transci.2013.01.003. Epub 2013 Feb 14.

Al-Sweedan SA, Jardat S, Al-Matary Y. PERFORIN GENE (PRF1) MUTATIONS IN PATIENTS WITH ACUTE AND CHRONIC IMMUNE THROMBOCYTOPENIA PURPURA. Autoimmunity in press.

Al-Sweedan Sa, Alhaj M. The Effect of Altitude on Blood Count Parameters. Hematol Oncol Stem Cell Ther. 2012;5(3):158-61. doi: 10.5144/1658-3876.2012.158.

Al-Sweedan SA, Awad N. Molecular Characterization of Glucose-6-Phosphate Dehydrogenase Deficiency among Jordanians. Acta Haematol 2012;128:195-202.

Al-Sweedan SA, Hyajneh W, Alostath A. Patterns of Bacteremia in Cancer Patient with Febrile Neutropenia at King Abdullah University Hospital – Jordan 2003 – 2008. JPID, Volume 7, Number 1, Year 2012

Suleimman A. Al-Sweedan, Ismail I. Matalaka. Platelet Indices as Quality Markers for Remission in Patients With Leukemia. Journal of Hematology, Vol. 1, No. 2-3, Jun 2012, pages 54-57.

Al-Sweedan SA, Khabour O, Isam R. Genotoxicity assessment in patients with thalassemia minor. Mutat Res. 2012 May 15;744(2):167-71. Epub 2012 Mar 5.

Mhaidat NM, **Al-Sweedan SA**, Alzoubi KH, Alazzam SI, Banihani MN, Yasin MO, Massadeh MM. Prevalence of depression among relatives of cancer patients in Jordan: a cross-sectional survey. Palliat Support Care. 2011 Mar;9(1):25-9.

Khriesat WM, Al-Rimawi HS, Lataifeh IM, **Al-Sweedan S**, Baqain E. Intrauterine Upper Limb Ischemia Associated with Fetal Thrombophilia: A Case Report and Review of the Literature. Acta Haematol. 2010 May 21;124(1):1-4. [Epub ahead of print]

Suleimman Al-Sweedan, Mohammed Mueen, Al-Sheyyab M, Hashem Jaddou. A comparison of plasma levels of natural anticoagulants (proteins C and S) among Jordanian smokers and non-smokers. Acta Haematol. 2010 May 13;123(4):248-252. [Epub ahead of print]

Suleimman Al-Sweedan, Said Jaradat, Khitam Amer, Wail Hayajneh, Hazem Haddad. Seroprevalence and genotyping of hepatitis C virus in multiple transfused Jordanian patients with B-Thalassemia major. Turk J Hematol 2010 [ahead of print]

Awidi A, Ramahi M, Alhattab D, Mefleh R, Dweiri M, Bsoul N, Magablah A, Arafat E, Barqawi M, Bishtawi M, Haddadeen E, Falah M, Tarawneh B, **Swaidan S**, Fauori S. Study of mutations in Jordanian patients with haemophilia A: identification of five novel mutations. Haemophilia. 2009 Oct 7. [Epub ahead of print]

Suleimman Al-Sweedan, Said Jaradat, Muna Iraqi, Mohamad Beshtawi. The prevalence of factor V Leiden (G1691A), prothrombin (G20210A) and MTHFR C677T mutations in Jordanian patients with B-thalassemia major. Blood Coagul Fibrinolysis. 20(8):675-678, December 2009. doi: 10.1097/MBC.0b013e3283315b4f

Suleimman A. Al-Sweedan, Hussein Jdaitawi, Wadah M. Khriesat, Yousef Y. Khader, Hala S. Al-Rimawi. Predictors of severe hemolysis in patients with glucose-6-phosphate dehydrogenase deficiency following exposure to oxidant stresses. Hematol Oncol Stem Cell Ther 2009; 2(2): 354-357

Nizar M Mhaidat, PhD, Kareem H Alzoubi, PhD, **Suleimman A Al-Sweedan, MD, MS**, and BA Alhusein. Prevalence of Depression among Cancer Patients in Jordan: A national Survey. Support Care Cancer. 2009 Feb 26. [Epub ahead of print]

Suleimman A Alswedan, , Abdallah Alshurman,MD, Mahmoud Alsheyyab,MD.
Diagnostic value of platelet indices in children with leukemia. J Pediatr Hematol Oncol
2008 Dec; 30(12):953-5

Abdallah Alshurman,MD,Mohammed MaghayrehMD , Wadah Khreisat,MD,
Suleimman Al-Sweedan, . The Effect of Neonatal Sepsis on Platelet Count and their
Indices.Jordan Medical Journal 2008 June; 42(2), 82-86

Suleimman A Al-Sweedan, MD,MS, Joseph P Neglia,MD,Ms,Marie Steiner,MD,Bruce
Bostrum,MD,Timothy Casey,MD,and Betsy Hirsch,PhD. Characteristic of patients with
TEL/AML1 Acute Lymphoblastic Leukemia with Single or Multiple Fusions. Pediatr
Blood Cancer 2007 May; 48(5):510-4.

Suleimman A Alswedan, MD,MS, John E Wagner, MD, Ye Tan, Ms, Todd E DeFor,
Ms and Margaret L MacMillan, MD. Factors Predicting Survival in Fanconi anemia after
alternate Donor Hematopoietic Stem Cell transplantation/Abstract (oral
Presentation)/ASPHO 2006

Suleimman A Alswedan, MD,MS, John E Wagner, MD, Ye Tan, Ms, Todd E DeFor,
Ms and Margaret L MacMillan, MD. Factors Predict Hematopoietic Recovery in Patients
with Fanconi Anemia (FA) after Alternate Donor (AD) Hematopoietic Stem
Cell/abstract/ASBMT 2006

Suleimman A Alswedan, MD,MS, Joseph P Neglia,MD,Ms,Marie Steiner,MD,Bruce
Bostrum,MD,Timothy Casey,MD,and Betsy Hirsch,PhD. Characteristic of patients with
Double or singleTEL/AML1 positive ALL/abstract/ASPHO Meeting 2005.

Suleimman A Alswedan, MD,MS, John E Wagner, MD, Ye Tan, Ms, Todd E DeFor,
Ms and Margaret L MacMillan, MD.Identification of Prognostic Factors in Patients with
Fanconi Anemia after Alternate Donor Hematopoietic Stem Cell
Transplantation/Abstract(oral presentation)/ASH 2005

Suleimman Alswedan, MD,MS, Waleed abuhamour, MD. Seasonality of Congenital
Heart Disease-case series study-Research forum oral presentation, Michigan State
University-2001.

RESEARCH INTERESTS

Late effect in survivors of Childhood Cancer and post bone marrow transplantation

Amplification of stem cells in umbilical cord blood

The prevalence of immune dysregulation in cancer and autoimmune diseases

Hemoglobinopathies and thrombosis

WORK EXPERIENCE

Locum Consultant Pediatric Hematology Oncology at the followings for one month in each period

Shiekh Khaleefa Hospital/Abudabi/UAE	2007
KFMC-Dammam	2008
KFMC-Riyadh	2009&2010
KFSHRC-Riyadh	2011 & 2012

7/9/2012-Now

Consultant Pediatric Hematology/Oncology/BMT/ King Faisal Specialist Hospital & Research Center

22/5/2011-6/9/2012

Associate professor in pediatrics/Medical School/KAUH/Jordan University of Science & Technology

7/18/2006 – 21/5/2011

Assistant professor in Pediatrics/Medical School/KAUH/Jordan University of Science & Technology

07/01/2003-2006

Pediatrics Hem./Onc/Blood and Bone Marrow Transplantation fellow at University of Minnesota/Minneapolis/Minnesota

07/01/2000-06/30/2003

Pediatric resident at Hurley medical center/Michigan State University/Flint/Michigan

07/01/1990-06/30/1991

Medical intern/Ministry of Health/Jordan

07/01/1991-06/30/2000

Pediatric resident, and General practitioner, Ministry of Health /Jordan

CERTIFICATION AND EXAMS

1. American Board in Pediatric Hematology/Oncology/Blood and BMT/2006
2. American Board in Pediatrics./2003
3. Jordanian Board in Pediatrics/2006
4. Masters of Clinical Research/2006
5. MRCP-pediatrics option [UK]
6. USMLE Steps 1,2,and 3
7. ECFMG

8. M.B., B.S.
9. Fundamental Critical care support Certificate/Society of Critical care Medicine/USA
10. Pediatric Nutrition Education Certificate/Michigan State university/USA
11. Residency Completion Diploma/Michigan State University/USA
12. Fellowship Completion Diploma/ University of Minnesota/USA

PROFESSIONAL ORGANIZATIONS

1. Children's Oncology Group (COG)/ USA
2. American Academy of Pediatrics (AAP)
3. American Society of Hematology (ASH)
4. American Society of Clinical Oncology (ASCO)
5. American Society of Blood and Marrow Transplantation (ASBMT)
6. American Medical Association (AMA)
7. American Society of Pediatrics Hematology & Oncology (ASPHO)
8. Jordanian Society of Pediatric Hematology/Oncology
9. National Jordanian Committee for Thalassemia