

Pediatric Hematology and Oncology
Division of Pediatrics
Nicklaus Children's Hospital
Miami, Florida
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Ossama M. Maher, M.D.

Academic Education

- 10/1993 - 10/1999 **Bachelor of Medicine & Surgery (M. B., B. Ch.)**
Faculty of Medicine (Kasr El-Aini School of Medicine), Cairo University
Cairo, Egypt
With a general grade of very good with honors.
- 7/2001 - 7/2004 **Masters of Science in Pediatrics (M.S.)**
Children's Hospital, Cairo University
Cairo, Egypt
Supervisor: Emad Ebeid, MD, DSc.
- 1/2007 - 8/2009 **Educational Commission of Foreign Medical Graduates (ECFMG) /
United States Medical License Exam (USMLE)**
USA
Code number 0-714-4744.
- 11/2004 - 10/2010 **Doctorate degree of Science (D.Sc.) in Pediatric Hematology/Oncology**
National Cancer Institute (NCI), Cairo University
Cairo, Egypt
Supervisor: Alaa El Haddad, MD, DSc.

Professional Experience

- 8/2017- Present **Attending Physician**
Co-director of the Blood and transplant program
Nicklaus Children's Hospital
Florida International University
Miami- FL, USA
- 7/2016-6/2017 **Fellow of Pediatric Neuro-Oncology and Stem Cell Transplantation**
Dana-Farber Cancer Institute
Boston, MA, USA
- 7/2013-6/2016 **Fellow of Pediatric Oncology and Hematology**
MD Anderson Cancer Center
Houston, Texas, USA
- 7/2011-6/2013 **Resident of General Pediatrics**
The Brooklyn Hospital Center (TBHC) / Weill Cornell University
Brooklyn, New York, USA
- 8/2010-6/2011 **Consultant of Pediatric Hematology / Oncology and Stem Cell Transplant**
Children's Cancer Hospital Egypt - 57357 (CCHE - 57357).
Cairo, Egypt.

- 11/2010-7/2016 **Lecturer of Pediatric Hematology / Oncology**
National Cancer Institute, Cairo University
Cairo, Egypt
- 7/2004-10/2010 **Assistant Lecturer of Pediatric Hematology / Oncology**
National Cancer Institute, Cairo University
Cairo, Egypt
- 6/2009-10/2009 **Visiting Physician** in Pediatric Hematology/Oncology Department
MD Anderson Cancer Center, Texas University
Houston, Texas, USA
- 7/2009-8/2009 **Visiting scholar** in Pediatric Hematology and Oncology
Texas Children Hospital, Baylor college of medicine
Houston, Texas, USA
- 7/2001 - 7/2004 **Resident of General Pediatrics & Pediatric Hematology / Oncology**
Combined residency between general pediatrics for about 1 year in Abul Reesh Children's Hospital (Cairo University Children's Hospital), and 2 year in Pediatric Hematology/ Oncology in National Cancer Institute, Cairo University.
Cairo, Egypt
- 3/2000 - 3/2001 **Internship** rotation in Internal Medicine, Ob/Gyn, Anesthesiology, General Surgery, Emergency Department (ED) and Pediatric Oncology.
Cairo University Hospitals and National Cancer Institute (NCI).
Cairo, Egypt.

Licensure and Certification

- 2017- present American Board of pediatric Hematology and Oncology
- 2013- present American Board of Pediatrics
- 2009-present Educational Commission of Foreign Medical Graduates (ECFMG), USA,
Code number 07144744

Abstract

- 1- **Ossama M. Maher**, Hani Hussein, Sean A Marco, Aziza Sedrak, Yasser E Elborai, Heba Mousa, Alaa El-Haddad. Role of High Dose Methotrexate with Cranial Irradiation for Pediatric T-Cell Lymphoid Malignancies. "http://bloodjournal.hematologylibrary.org/site/misc/ASH_Meeting_Abstacts_Info.xhtml" December 2012 and is part of the permanent ASH and Blood abstracts archive.
- 2- Yasser Elborai, Mohammad Almutereen, **Ossama M. Maher**, Alaa El-Haddad, Leslie Lehmann. Changes in GFR during carboplatin administration in children undergoing autologous stem cell transplant (SCT) for malignant brain tumor. *Pediatr Blood Cancer* DOI 10.1002/pbc (Pub 204) page 16-17. Oct 2012 SIOP publication abstracts. 2012 Wiley Periodicals, (wileyonlinelibrary.com).
- 3- **Ossama M. Maher**, Sean Marco, Swayam Sadanandan, Fernando Fireman, Aziza Sedrak. Retroperitoneal Ganglioneuroma and Reversible Posterior Leukoencephalopathy in a Child with Acute Lymphoblastic Leukemia. The Brooklyn Hospital Center, Brooklyn, New York. American Society of Pediatric Hematology (ASPHO) meeting- April 24-27, 2013- Miami - Florida.

4- **Ossama M. Maher**, Hani Hussein, Sean A Marco, Aziza Sedrak, Yasser Elborai, Heba Moussa, Alaa El-Haddad. Rotating Chemotherapy Agents and Cranial Irradiation with Pediatric Lymphoblastic Malignancies at the National Cancer Institute, Cairo University. National Cancer Institute, Cairo University, Egypt. American Society of Pediatric Hematology (ASPHO) meeting- April 24-27, 2013- Miami, FL.

5- Yasser Elborai, Andrew Blanchette, **Ossama M. Maher**, Leslie Lehmann, and Michelle Lee. Renal and Bone Marrow Toxicity in pediatric HSCT patients on acyclovir prophylaxis. Dana Farber Cancer Institute, Harvard University, Boston, United States and Pediatrics, Brooklyn Hospital Center, NY, United States. American Society of Pediatric Hematology (ASPHO) meeting -April 24-27, 2013- Miami, FL.

6- **Ossama M. Maher**, Laurence J.N. Cooper, Laura Worth, Demetrios Petropoulos, Dean A. Lee, Richard E. Champlin, Nidale Tarek, Priti Tewari. Successful Treatment for Secondary AML and MDS following myeloablative Hematopoietic Stem Cell Transplantation for Children, Adolescents and Young Adults. MD Anderson Cancer Center, Houston, Texas. European Bone Marrow Transplant (EBMT) Meeting- March 20- April 2, 2014- Milan, Italy.

7- **Ossama M. Maher**, Hany Hussein, Aziza Sedrak, Yasser Elborai, Heba Moussa, Alaa El-Haddad. Assessment of early steroid responsiveness in Children with T- Cell Acute Lymphoblastic Leukemia- National Cancer Institute- Cairo University experience. National Cancer Institute, Cairo University. American Society of Pediatric Hematology (ASPHO) meeting- May 14- 17, 2014- Chicago, Illinois.

8- **Ossama M. Maher**, Cynthia E. Herzog. Metastatic Angiomatoid variant of Fibrous Histiocytoma with CREB1 gene rearrangement. MD Anderson Cancer Center, Houston, Texas. American Society of Pediatric Hematology (ASPHO) meeting- May 14- 17, 2014- Chicago, Illinois.

9- Hatel Rana Moonat, **Ossama M. Maher**, Alaa Abdullah Almohammedsalim, Soumen Khatua, Wafik Zaky. Infection Mimicking Malignancy MD Anderson Cancer Center, Houston, Texas. American Society of Pediatric Hematology (ASPHO) meeting -May 14- 17, 2014- Chicago, Illinois.

10- **Ossama M. Maher**, Soumen Khatua, Nidale Tarek, Wafik Zaky. Metachronous Medulloblastoma in a child with metastatic neuroblastoma. MD Anderson Cancer Center, Houston, Texas 16th International Symposium on Pediatric Neuro-Oncology (ISPNO) meeting -June 28- July 2, 2014- Singapore.

11- **Ossama M. Maher**, Soumen Khatua, Wafik Zaky. Challenges and opportunities of molecularly targeted therapy in recurrent or refractory pediatric brain tumors. MD Anderson Cancer Center, Houston, Texas 16th International Symposium on Pediatric Neuro-Oncology (ISPNO) meeting- June 28- July 2, 2014- Singapore.

12- **Ossama M. Maher**, David Sandberg, Geoffrey Kannan, Susan McGovern, Leena Ketonen, Soumen Khatua, Wafik Zaky. Primary Leptomeningeal Primitive Neuroectodermal Tumor. MD Anderson Cancer Center, Houston, Texas 9th Annual scientific meeting. The Society for Neuro-Oncology (SNO) November 13-16, 2014. Miami- FL.

13- **Ossama M. Maher**, Soumen Khatua, Wafik Zaky. Primary intracranial soft tissue sarcoma in children and young adults: Retrospective analysis. MD Anderson Cancer Center experience. MD Anderson Cancer Center, Houston, Texas 9th Annual scientific meeting. The Society for Neuro-Oncology (SNO) November 13-16, 2014. Miami- FL.

14- **Ossama M. Maher**, Mary McAleer, David Sandberg, Leena Ketonen, Soumen Khatua, Wafik Zaky. Targeted therapy in Glioblastoma multiforme presenting as Gliomatosis Cerebri. MD Anderson Cancer Center, Houston, Texas 9th Annual scientific meeting. The Society for Neuro-

Oncology (SNO) - November 13-16, 2014. Miami- FL.

15- **Ossama M. Maher**, Jorge Galvez Silva, Chloe Tillman, Laurence Cooper, Laura L. Worth, Demetrios Petropoulos, Dean A. Lee, Richard E. Champlin, Nidale Tarek, Priti Tewari. Incidence and outcome of early hospital readmission following hematopoietic stem cell transplantation in pediatric and young adults. MD Anderson Cancer Center, Houston, Texas. Annual meeting of the American Society for Blood and Marrow Transplantation (ASBMT) and the Center for International Blood & Marrow Transplant Research (CIBMTR) - February 11 - 15, 2015. San Diego, California.

16- Dat Q Tran, **Ossama M. Maher**, Charlotte Rivas, Shannon Elizabeth Moree. Reduced and skewed TCR V β repertoire in CD8 compared to Foxp3+ regulatory T cells in acute gastrointestinal graft versus host disease. University of Texas Medical School of Houston; MD Anderson Cancer Center, Houston, Texas. American Academy of immunologies (AAI) - May 8-12, 2015. New Orleans, LA.

17- Jorge G. Silva, **Ossama M. Maher**, Chloe Tillman, Laurence JN. Cooper, Nidale Tarek, Laura L. Worth, Demetrios Petropoulos, Dean A. Lee, Richard E. Champlin, EJ. Shpall3, Priti Tewari. Evaluation and Analysis of Causes of Early Readmission Following Umbilical Cord Blood Transplantation in Children, Adolescents and Young Adults. MD Anderson Cancer Center, Houston, Texas - American Society of Pediatric Hematology/ Pediatric Blood and Marrow Consortium (ASPHO/PBMTTC) meeting- Phoenix- Arizona-May 2015.

18- **Ossama M. Maher**, Shannon Moree, BA, Charlotte H Rivas, BS, Magdalena Esparza and Dat Tran, MD. Reduced and Skewed TCR V β Repertoire in CD8 Compared to CD4 and Foxp3+ Regulatory T Cells in Acute Gastrointestinal Graft Versus Host Disease. MD Anderson Cancer Center, Houston, Texas; University of Texas Medical School of Houston- Federal of clinical Immunology Societies (FOCIS)-June 24-27, 2015. San Diego, California.

19- Jorge Galvez Silva, **Ossama M. Maher**, Minjeong Park, Diane Liu, Fiorela Hernandez, Priti Tewari, Yago Nieto. Analysis of the Prognostic effect of Peripheral Blood Lymphocyte and Monocyte Count after Autologous Hematopoietic Stem Cell Transplant in Refractory/Relapsed Hodgkin's Lymphoma in a Pediatric, Adolescent, and Young Adult Population. Annual meeting of the American Society for Blood and Marrow Transplantation (ASBMT) - February 18 - 22, 2016. Honolulu, Hawaii.

20- **Ossama M. Maher**, Rima M. Saliba, Amin Alousi, Richard E. Champlin, Elizabeth J. Shpall, Priti Tewari, Sharon R. Hymes, Joyce Neumann, Overman Bethany, Julianne Chen, Gabriela Rondon, Hyo W Song, Colby J Hofferek, and Dat Q Tran. High TCR Vbeta skewing in CD4+ and low in CD8+ is associated with development of chronic graft-versus-host disease. Annual meeting of the American Society of Hematology (ASH) - December 3-6, 2016. San Diego, California.

21- Divyaswathi Citta Sridhar, **Ossama M. Maher**, Nidra I. Rodriguez. Pediatric venous thrombosis associated with staphylococcal infections: Single institutional experience. American Society of Pediatric Hematology (ASPHO) meeting - April 26 -29, 2017- Montreal, Quebec, Canada.

22- Michell Lozano Chinga, Maggie Eidson Fader, Carole Brathwaite, **Ossama M. Maher**. Occurrence of cutaneous myeloid sarcoma in a patient with a history of ovarian yolk sac tumor. American Society of Pediatric Hematology (ASPHO) meeting - May 2-5, 2018. Pittsburgh, PA.

23- Adriana Trabal, Gino Bardi, **Ossama M. Maher**, Roberto Gomara, Ziad Khatib, Guillermo DeAngulo. Sinusoidal obstruction syndrome and susceptibility to bleeding after gastric tube placement. American Society of Pediatric Hematology (ASPHO) meeting - May 2-5, 2018. Pittsburgh, PA.

24- Gino Jose Bardi Lola, Adriana Trabal, Maggie Fader, Jorge Galvez-Silva, Carole Brathwaite, **Ossama M. Maher**. Osteosarcoma in a child with neurofibromatosis type 1. A case report and review of the literature. American Society of Pediatric Hematology (ASPHO) meeting - May 2-5, 2018. Pittsburgh, PA.

25- **Ossama M. Maher**, Jorge Galvez Silva, Kamar Godder, Toba Niazi, Matthew Hall, Ziad Khatib. Risk of development of sinusoidal obstruction syndrome on head start regimens in young children with medulloblastoma. International Society of Pediatric Neuro Oncology (ISPNO) meeting- June 30- July 3, 2018, Denver, Colorado.

Oral Presentation

Ossama M. Maher, Sherif Abou El Naga, Soha Emam. (March, 2004). 1st line antimicrobial therapy for febrile neutropenic cancer patients. Oral Presentation presented at: Master's project of pediatric discussion; Cairo, Egypt.

Ossama M. Maher, Lobna Shalaby (November, 2008). Treatment of Newly diagnosed cases of Anaplastic Large Cell Lymphoma at the National Cancer Institute. Poster presented at: Pediatric Grand Round Meeting; Cairo, Egypt.

Ossama M. Maher, Alaa El Haddad, Hani Hussein, (February, 2009). Treatment of Newly diagnosed cases of advanced cases of lymphoblastic lymphoma and T-Cell acute lymphoblastic leukemia at the National Cancer Institute. Oral Presentation presented at: PHD thesis discussion; Cairo, Egypt.

Ossama M. Maher, Role of single dose Azithromycin in treatment of children with otitis media. Journal Club presentation. The Brooklyn Hospital Center. Brooklyn New York, April 2012.

Ossama M. Maher, Comparison of Piperacillin – Tazobcatam Vs Cefepime in febrile neutropenic cancer patient. Critically appraised topic (CAT), December 2012 The Brooklyn Hospital Center. Brooklyn New York, December 2013.

Ossama M. Maher, How to write a case report. National Cancer Institute, April 2013, Cairo university, Cairo, Egypt.

Ossama M. Maher, Review of important topics in Pediatric Oncology. The Brooklyn Hospital Center, Brooklyn, New York. May 2013.

Ossama M. Maher, Nut midline carcinoma. Tumor Board Presentation. MD Anderson Cancer Center, Houston, Texas. November 2013.

Ossama M. Maher, Jorge Galvez, Laurence Cooper, Laura L. Worth, Demetrios Petropoulos, Dean A. Lee, Richard E. Champlin, Nidale Tarek, Priti Tewari. Successful treatment for Secondary AML and MDS following myeloablative Hematopoietic Stem Cell Transplantation for Children, Adolescents and Young Adults. Oral presentation- ASPHO/PBMTTC meeting- Phoenix- Arizona. May 2015.

Higher frequency of switched memory B cells predicts the incidence of chronic graft –versus-host disease after allogeneic stem cell transplantation. Rima M. Saliba, Hyo W. Song, **Ossama M. Maher**, Bethany J. Overman, Colby J. Hofferek, Anha V. Pham, Julianne Chen, EJ Shpall, Issa F. Khouri, Richard E. Champlin, Betul Oran, Sairah Ahmed, Amin M. Alousi, Dat Q. Tran. Oral presentation European Hematology Association (EHA) meeting- June 22-25, 2017- Madrid-Spain.

Publications

- 1- **Ossama M. Maher**, Sean Marco, Swayam Sadanandan, Fernando Fireman, Aziza Sedrak. Retroperitoneal Ganglioneuroma and Reversible Posterior Leukoencephalopathy in a Child with Acute Lymphoblastic Leukemia. *J Pediatr Hematol Oncol*. 2014 Nov;36(8):665-6.
- 2- Mohamed HM Hussein, Alaa M El-Haddad, Heba S Moussa, **Ossama M. Maher**. Prognostic Markers in Pediatric T-cell Lymphoblastic Leukemia/Lymphoma. *Life Sci J* 2013;10(1):1804-1813]. (ISSN: 1097-8135).
- 3- Hatel R. Moonat, **Ossama M. Maher**, Jorge G. Silva, Alaa A. Almohammedsalim, Soumen Khatua. Wafik Zaky. Infection Mimicking Malignancy: Two Cases to Learn From. *Prog Science* 1(5): e07 | doi: 10.14721/pscience. 2014.e07.
- 4- Jorge Galvez Silva, Fernando F.Corrales-Medina, **Ossama M. Maher**, Nizar Tannir, Winston W. Huh, Michael E. Rytting, and Vivek Subbiah. Clinical next generation sequencing of pediatric-type malignancies in adult patients identifies novel somatic aberrations. *Oncoscience*. Feb 2015. 20;2(2):187-92.
- 5- **Ossama M. Maher**, Anthony M. Christensen, Sireesha Yedururi, Diana Bell, and Nidale Tarek¹, Histone deacetylase inhibitor for NUT midline carcinoma. *Pediatr Blood Cancer*. 2015 Apr;62(4):715-7.
- 6- **Ossama M. Maher**, Amin Alousi, Jorge G. Silva. MD, Laurence JN. Cooper, Dat Q.Tran. T regulatory cells and their implications in GVHD. *Translational Science*; Sep 2015.
- 7- **Ossama M. Maher**, Victor G. Prieto, John Stewart, Cynthia E. Herzog. Characterization of Metastatic angiomatoid fibrous histiocytoma: *J Pediatr Hematol Oncol*. 2015 May;37(4):e268-71.
- 8- **Ossama M. Maher**, Soumen Khatua, Wafik Zaky. Primary intracranial soft tissue sarcoma in children and young adults: Retrospective analysis. MD Anderson Cancer Center experience. *Neurooncol*. 2016 Mar;127(1):155-63.
- 9- **Ossama M. Maher**, Hatel Rana Monnat. Fanconi anemia and Fanconi syndrome, time to correct the misnomers. *J Pediatr Hematol Oncol*. Oct 2016.
- 10- **Ossama M. Maher**, Jorge Galvez Silva, Jimin Wu, Diane Liu, Laurence J.N. Cooper, Laura Worth, Demetrios Petropoulos, Anna R.K. Franklin, Patrick Zweidler-Mckay, Robert J Wells, Gabriella Rondon, Richard E. Champlin, Priti Tewari. Outcomes of Children, Adolescents, and Young adults following Allogeneic Stem Cell Transplantation for Secondary Acute Myeloid Leukemia and Myelodysplastic Syndromes—The MD Anderson Cancer Center experience. *Pediatric Transplant* Feb 2017.
- 11- Jorge Galvez Silva, **Ossama M. Maher**, Minjeong Park, Diane Liu, Fiorela Hernandez, Priti Tewari, Yago Nieto. Prognostic Analysis of Absolute Lymphocyte and Monocyte Counts after Autologous Stem Cell Transplantation in Children, Adolescents, and Young Adults with Refractory or Relapsed Hodgkin Lymphoma. *Biol Blood Marrow Transplant*, Aug 2017.
- 12- **Ossama M. Maher**, Jorge Galvez Silva, Winston W. Huh, Branko Cuglievan, April DePombo, Partow Kebraiee, Minjeong Park, Diane Liu, Chloe Tillman, Nidale Tarek, Laurence J.N. Cooper, Priti Tewari. Etiologies and Impact of Readmission Rates in the First 180 days after Hematopoietic Stem Cell Transplantation in Children, Adolescents, and Young Adults. *J Pediatr Hematol Oncol* 2017.

13-Divya Sridhar, **Ossama M. Maher**, Nidra Rodriguez. Pediatric Deep Venous Thrombosis Associated With Staphylococcal Infections: Single Institutional Experience. J Pediatr Hematol Oncol. Mar 2018.

14- Eterovic AK, **Ossama M. Maher**, Chandra J, Chen K, Huse J, Wafik Zaky. Metachronous Medulloblastoma in a Child with Successfully Treated Neuroblastoma: Case Report and Novel Findings of DNA Sequencing. J Natl Compr Cancer Network June 2018.

15- Pekmezci M, Villanueva-Meyer JE, Goode B, Van Ziffle J, Onodera C, Grenert JP, Bastian BC, Chamyan G, **Ossama M. Maher**, Khatib Z, Kleinschmidt-DeMasters BK, Samuel D, Mueller S, Banerjee A, Clarke JL, Cooney T, Torkildson J, Gupta N, Theodosopoulos P, Chang EF, Berger M, Bollen AW, Perry A, Tihan T, Solomon DA. The genetic Landscape of ganglioglioma. Acta Neuropathol Commun June 2018.

16- Lucas CG, Gilani A, Solomon DA, Liang X, **Ossama M. Maher**, Chamyan G, Kleinschmidt-Demasters BK, Perry A. Lucas CG, et al. ALK-positive histiocytosis with KIF5B-ALK fusion in the central nervous system. Acta Neuropathol. August 2019.

17- Elborai Y, Almutereen M, **Ossama M. Maher**, Hafez H, Lee MA, Lehmann L. Elborai Y, et al. Changes in glomerular filtration rate and clinical course after sequential doses of carboplatin in children with embryonal brain tumors undergoing autologous stem cell transplantation. J Egypt Natl Canc Inst. February 2020.

18- Mondal G, Lee JC, Ravindranathan A, Villanueva-Meyer JE, Tran QT, Allen SJ, Barreto J, Gupta R, Doo P, Van Ziffle J, Onodera C, Devine P, Grenert JP, Samuel D, Li R, Metrock LK, Jin LW, Antony R, Alashari M, Cheshier S, Whipple NS, Bruggers C, Raffel C, Gupta N, Kline CN, Reddy A, Banerjee A, Hall MD, Mehta MP, Khatib Z, Ossama M. Maher, et al. Pediatric bithalamic gliomas have a distinct epigenetic signature and frequent EGFR exon 20 insertions resulting in potential sensitivity to targeted kinase inhibition. Acta Neuropathol. June 2020.

19- Lu VM, Di L, Eichberg DG, Luther EM, Shah AH, Daniels DJ, **Ossama M. Maher**, Niazi TN. Age of diagnosis clinically differentiates atypical teratoid/rhabdoid tumors diagnosed below age of 3 years: a database study. Childs Nerv Syst. April 2021

20- Durno C, Ercan AB, Bianchi V, Edwards M, Aronson M, Galati M, Atenafu EG, Abebe-Campino G, Al-Battashi A, Alharbi M, Azad VF, Baris HN, Basel D, Bedgood R, Bendel A, Ben-Shachar S, Blumenthal DT, Blundell M, Bornhorst M, **Ossama M. Maher**, et al, Survival Benefit for Individuals with Constitutional Mismatch Repair Deficiency Undergoing Surveillance. J Clin Oncol September 2021

21- Victor M Lu , Daniel G Eichberg , Evan M Luther , Ashish H Shah , David J Daniels, **Ossama M. Maher**. Toba N Niazi. Distinct survival and clinical profile of infantile glioblastoma: insights from a national database. Childs Nerv Syst. January 2022

Clinical trial experience

Principal Investigator: Ziad Khatib, MD; Sub Investigator: **Ossama M. Maher, M.D.**
Clinical: Intraventricular Methotrexate with Systemic Topotecan and Cyclophosphamide in Children with Recurrent or Progressive Malignant Brain Tumors. This study's purpose is to look at the safety of this treatment method, its effects on malignant brain tumors, and how well people tolerate it.
11/2017- Present

Principal Investigator: Ziad Khatib, MD; Sub Investigator: **Ossama M. Maher, M.D.**
Clinical: Newly diagnosed children (less than 10 years old) with medulloblastoma and other central

nervous system embryonal tumors: clinical and molecular risk-tailored intensive and compressed induction chemotherapy followed by consolidation with either single cycle (low risk patients) or randomization (high risk patients) to either single-cycle or to three tandem cycles of marrow-ablative chemotherapy with autologous hematopoietic progenitor cell rescue.
09/2017- Present

Principal Investigator: Ziad Khatib, MD; Sub Investigator: **Ossama M. Maher, M.D.**
Clinical: Phase I-II Study of MEK162 for Children with Low Grade Gliomas and Other Ras/Raf/ERK Pathway Activated Tumors
01/2019- Present

Principal Investigator: Ziad Khatib, MD; Sub Investigator: **Ossama M. Maher, M.D.**
Clinical: A Phase 2b Trial of the MEK 1/2 Inhibitor (MEKi) PD-0325901 in Adult and Pediatric Patients with Neurofibromatosis Type 1 (NF1)-Associated Inoperable Plexiform Neurofibromas (PNs) that are Progressing and/or Causing Significant Morbidity
05/2019- Present

Principal Investigator: Ziad Khatib, MD; Sub Investigator: **Ossama M. Maher, M.D.**
Clinical: Phase II open-label global study to evaluate the effect of dabrafenib in combination with trametinib in children and adolescent patients with BRAF V600 mutation positive Low Grade Glioma (LGG) or relapsed or refractory High Grade Glioma (HGG).
09/2019- Present

Children's Oncology Group (COG) Sub-Investigator and Current Active Studies:

ACNS0831 - Phase III Randomized Trial of Post-Radiation Chemotherapy in Patients with Newly Diagnosed Ependymoma Ages 1 to 21 years

ACNS1422 - A Phase 2 Study of Reduced Therapy for Newly Diagnosed Average-Risk WNT-Driven Medulloblastoma Patients

ACNS1721 - A Phase 2 Study of Veliparib (ABT-888, IND # 139199) and Local Irradiation, Followed by Maintenance Veliparib and Temozolomide, in Patients with Newly Diagnosed High-Grade Glioma (HGG) without H3 K27M or BRAFV600E Mutations

ADVL1521 - A Phase 2 Study of the MEK inhibitor Trametinib (IND#119346, NSC#763093) in Children with Relapsed or Refractory Juvenile Myelomonocytic Leukemia

ADVL1622 - Phase 2 Trial of XL184 (Cabozantinib) an Oral Small-Molecule Inhibitor of Multiple Kinases, in Children and Young Adults with Refractory Sarcomas, Wilms Tumor, and Other Rare Tumors

APEC14B1 - Project:EveryChild A Registry, Eligibility Screening, Biology and Outcome Study

APEC1621A - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) - Phase 2 subprotocol of LOXO-101 (larotrectinib) in patients with tumors harboring actionable NTRK fusions.

APEC1621B - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) - Phase 2 subprotocol of JNJ-42756493 (Erdafitinib) in patients with tumors harboring FGFR1/2/3/4 alterations.

APEC1621D - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) - Phase 2 subprotocol of LY3023414 in Solid Tumors

APEC1621E - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) – Phase 2 subprotocol of Selumetinib in patients with Tumors harboring activating MAPK pathway mutations

APEC1621F - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) - Phase 2 subprotocol of Ensartinib in patients with tumors harboring ALK or ROS1 genomic alterations

APEC1621G - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) - Phase 2 subprotocol of Vemurafenib in patients with tumors harboring actionable BRAF V600 mutations

APEC1621H - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) - Phase 2 subprotocol of olaparib in patients with tumors harboring defects in DNA damage repair genes

APEC1621I - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) - Phase 2 subprotocol of Palbociclib in Patients with Tumors Harboring Activating Alterations in Cell Cycle Genes

APEC1621SC - NCI-COG Pediatric MATCH (Molecular Analysis for Therapy Choice) Screening Protocol

AREN03B2 - Renal Tumors Classification, Biology, and Banking Study

Awards

1993-1996	Dean's Honor List: Kasr El-Aini School of Medicine: Cairo University, Cairo, Egypt.
1999	Bachelor Degree Graduation Honor: Faculty of Medicine, Cairo University, Cairo, Egypt.
2004	Master's Degree Honor of Excellence: Children's Hospital, Cairo University, Cairo, Egypt.
2010	Degree Honor of Excellence: National Cancer Institute, Cairo University, Doctoral Cairo, Egypt.
2012	The Brooklyn Hospital Center's service excellence standards and behaviors.
2013	The Brooklyn Hospital Center's best resident.
2013	The Brooklyn Hospital Center's best teacher.
2015	Young Investigation Travel Award ASPHO/PBMTC
2016	Certificate of recognition from the peers: Fellowship graduation ceremony MD Anderson Cancer Center.

Membership in professional Societies

2017- present	American Society of Neuro Oncology (SNO): Member
2013- present	American Society of Hematology (ASH): Member
2013- present	American Society of pediatric Hematology and Oncology (ASPHO): Member
2013- present	American Society of Clinical Oncology (ASCO): Member
2000- present	Egyptian Medical Syndicate: Member