

# **POEM 4<sup>th</sup>**Scientific Meeting

"Harnessing Regional Strengths to Improve Equity, Access, and Quality Care"

MAY 1-3, 2025 | AMMAN, JORDAN

**Syllabus** 









# **General Information**

### **Program Overview**

POEM (https://www.poemgroup.org/) is a collaborative pediatric oncology regional group, formed in 2013 as a cooperative platform for physicians, scientists, and healthcare professionals from institutions in the Middle East, North Africa, and West Asia region, with the goal of sharing experience, initiation of cooperative studies, and establishing common strategies to achieve optimization of the care of pediatric oncology patients. POEM carries out several educational activities throughout the year, including educational symposia, workshops, and a biannual Scientific Conference.

# **Scientific Meeting Learning Objectives**

#### By the end of the event, the attendee will be able to:

- 1. Discuss advancements in pediatric oncology research and clinical practice
- Foster multidisciplinary approaches: and collaboration among pediatric oncologists, researchers, and other healthcare professionals to provide holistic care
- 3. Strengthen capacity building and enhance the skills and knowledge of healthcare professionals through training and professional development opportunities
- 4. Promote policy and advocacy efforts that support pediatric oncology care and research
- Enhance data sharing and research collaboration to advance the understanding of pediatric cancers and improve treatment protocols
- Establish metrics and evaluate frameworks to measure the impact of conference initiatives and ensure continuous improvement in pediatric oncology care
- 7. Identify and address disparities and inequities in pediatric oncology care, with a focus on ensuring equitable access to treatment and resources for all patients in the region
- 8. Explore strategies for utilizing regional resources to improve pediatric oncology outcomes

# **Target Audience**

This activity is designated for physicians, scientists, nurses, pharmacists, foundations and healthcare professionals involved in childhood cancer care and research.

#### **Format and Date**

Format: In person

Date: April 30, 2025 (pre-conference workshops)

Scientific meeting: May 1-3, 2025

Venue: InterContinental Hotel- Amman, Jordan

In addition to the Scientific Meeting Program, four workshops will take place: AI for the Pediatric Oncology and its application in Neuroradiology (Open for Registration), Retinoblastoma Workshop (Closed by invitation), Nursing Workshop (Closed by invitation) and Multidisciplinary Management of Extremity & Trunk Sarcomas: Local Control Workshop (Open for registration).

# **Activity Director**

Dr. Rawad Rihani

### **Scientific Committee**

Dr. Rawad Rihani (Chair)

Dr. Abdulhakim Al Rawas

Dr. Alia Ahmad

Dr. Aqeela Rashid

Dr. Gevorg Tamamyan

Dr. Iyad Sultan

Dr. Julieta Hoveyan

Dr. Purva Kanvinde

Dr. Siham Cherkaoui

Dr. Mustafa Tezer Kutluk

Dr. Zainul Aabideen Kandy

Ms. Farah Ghamloush

# **Organizing Committee**

Dr. Rawad Rihani (Chair)

Dr. Faiha Bazzeh

Ms. Davina Holmes

Ms. Freeda Chehab

Dr. Hadeel Halalsheh

Mrs. Lama Najjar

Dr. Muhammad Rafie Raza

Dr. Siham Cherkaoui

Mrs. Barehan Al Shaghoor

Mrs. Ghada Qatawneh

Mrs. Hanan Mohidin

Ms. Mariam Fanous

# **Faculty**

#### Abdelhafeez Abdelhafeez

University of Rochester, USA

#### Miguel Abboud

American University of Beirut Medical Center, Lebanon

#### **Zainul Aabideen Kandy**

Burjeel Cancer Institute, Burjeel Holdings, UAE

#### **Omar Albtoush**

University of Jordan and King Hussein Cancer Center (KHCC), Jordan

#### Sadaf Altaf

Aga Khan University Hospital, Pakistan

#### Nisreen Amayiri

King Hussein Cancer Center (KHCC), Jordan

#### **Gregory Armstrong**

St. Jude Children's Research Hospital Comprehensive Cancer Center, USA

#### Mayya Assaad

BASMA Foundation, Syria

#### Burça Aydın

Hacettepe University at Ankara, Turkey

#### **Asim Bag**

St. Jude Children's Research Hospital, USA

#### Faiha Bazzeh

King Hussein Cancer Center, Jordan

#### Nickhill Bhakta

St. Jude Children's Research Hospital, USA

#### Tharwa Bilbeisi

St. Jude Children's Research Hospital, USA

#### Gemma Bryan

St. Jude Children's Research Hospital, USA

#### **Omar Chamdine**

King Fahad Specialist Hospital Dammam, KSA

#### Siham Cherkaoui

Hassan II university at Casablanca, Morocco.

#### **Ayhan Dagdemir**

Ondokuz Mayıs University, Samsun, Turkiye

#### Meenakshi Devidas

St. Jude Children's Research Hospital, USA

#### **Caitlyn Duffy**

St. Jude Children's Research Hospital, USA

#### Matthew Ehrhadt

St. Jude Children's Research Hospital, USA

#### **David Ellison**

St. Jude Children's Research Hospital, USA

#### Ishtar Espejo Castela`

Aladina Foundation, Spain

#### Roula Farah

Lebanese American University in Beirut, Lebanon LAU Medical Center Rizk Hospital

#### Paola Friedrich

St. Jude Children's Research Hospital

#### Khalil Ghandour

King Hussein Cancer Center (KHCC), Jordan

#### **Khaled Ghanem**

BASMA Pediatric Oncology Unit, Syria

#### Dylan Graetz,

St. Jude Children's Research Hospital, USA

#### Sanjeeva Gunasekera

National Cancer Institute Sri Lanka and University of Sri Jayawardenapura

#### Hadeel Halalsheh

King Hussein Cancer Center, Jordan

#### Rabi Hanna

Cleveland Clinic Foundation, USA

#### **Syed Ahmer Hamid**

Indus Hospital and Health Network (IHHN), Pakistan

#### **Brooke Happ**

St. Jude Children's Research Hospital, USA

#### Richard Harding-Swale

King's College London, United Kingdom

#### Hasan Hashem

King Hussein Cancer Center, Jordan

#### Scott Howard

Cleveland Clinic Children's, USA

#### Maysa Al-Hussaini

King Hussein Cancer Center, Jordan

#### Ahmad Khalil Ibrahimi

King Hussein Cancer Center, Jordan

#### **Omar Jaber**

King Hussein Cancer Center, Jordan

#### **Mazin Faisal Al-Jadiry**

University of Baghdad's College of Medicine and Children's Welfare Teaching Hospital, Iraq

#### Sima Jeha

St. Jude Children's Research Hospital, USA

#### Nilgün Kurucu

Hacettepe University Faculty of Medicine, Department of Pediatric Oncology, Turkey

#### **Catherine Lam**

St. Jude Children's Research Hospital

#### Julie Laveglia

St. Jude Children's Research Hospital, USA

#### Leslie Lehmann

Dana Farber Cancer Institute/Boston Children's Hospital, USA

#### Jacob Luber

University of Texas at Arlington (UTA), USA

#### John Lucas Jr

St. Jude Children's Research Hospital, USA

#### Michael McNeil

St. Jude Children's Research Hospital, USA

#### Mustafa Mehyar

King Hussein Cancer Center (KHCC), Jordan

#### **Mona Mohammad**

King Hussein Cancer Center, Jordan

#### **Daniel Moreira**

St. Jude Children's Research Hospital, Memphis, USA

#### Sheena Mukadda

St. Jude Children's Research Hospital, USA

#### **Francis Munier**

Current President of the International Society for Genetic Eye Diseases and Retinoblastoma

#### Akira Nakagawara

Chairman, Asian Pediatric Hematology and Oncology Group (APHOG)

Vice-President, Japanese Society for Quantum Medical Science

#### **Gauray Narula**

Tata Memorial Center, Homi Bhabha National Institute, Mumbai

#### Anwar Al-nassan

King Hussein Cancer Center (KHCC) in Amman, Jordan

#### Ibrahim Al Nawaiseh

King Hussein Cancer Center, Jordan

#### Ruzanna Papyan

Pediatric Cancer and Blood Disorders Center of Armenia

Yerevan State Medical University, Armenia

#### Ibrahim Qaddoumi

St Jude Children's Research Hospital, USA

#### Nisreen Qatamish

King Hussein Cancer Foundation, Jordan

#### **Amr Oudeimat**

St. Jude Children's Research Hospital, USA

#### Bilal Qureshi

Aga Khan University, Pakistan

#### Venkatraman Radakrishnan

Cancer Institute (W.I.A), India

#### Parul Rai

St. Jude Children's Research Hospital, USA

#### Khalil Al Rawashdeh

King Hussein Medical Center, Jordan

#### **Raul Ribeiro**

St. Jude Children Research Hospital, USA

#### Raya Saab

Stanford University, USA

#### **Ahmed Hatem Sabhan**

Pediatric Welfare Teaching Hospital, Medical City, Iraq

#### Haleema Saeed

Shaukat Khanum Memorial Cancer Hospital, Pakistan

#### Ayman Saleh

Sidra Medicine, Qatar

#### Hani Saleh

Augusta Victoria Hospital (AVH) In Jerusalem, Palestine

#### **Victor Santana**

St. Jude Children Research Hospital, USA

#### Neriman Sari

Ankara Bilkent City Hospital, Turkey

#### **Cody Savage**

University of Maryland Medical Center, USA

#### **Iman Sidhom**

National Cancer Institute (NCI), Cairo University Children's Cancer Hospital Egypt (CCHE), Egypt

#### **Andrew Smith**

St. Jude Children's Research Hospital, USA

#### Hiba AlTarrah

King Fahad Specialist Hospital, Kingdom of Saudi Arabia

#### **Brandon Triplet**

St. Jude Children's Research Hospital, USA

#### Giuseppe Troisi

WHO Regional Office for the Eastern Mediterranean

#### Mathew Wilson

University of Tennessee Health Sciences Center in Memphis, TN, USA

#### Susan Ybarra

St. Jude Children's Research Hospital, USA

#### Paul Yi

St. Jude Children's Research Hospital, USA

#### **Yacoub Yousef**

King Hussein Cancer Center (KHCC), Jordan

#### **Accreditation Statement**

This activity has been planned and implemented in accordance with the essential areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the American University of Beirut Medical Center. The Healthcare Professional Development Center at AUBMC is accredited by the ACCME to provide continuing medical education for physicians.

The Healthcare Professional Development Center at AUBMC designates this live activity for a maximum of 23.75 AMA PRA Category 1 Credits $^{\text{TM}}$ . Physicians should only claim credit commensurate with the extent of their participation in the activity.

#### **Evaluation Form and CME Certificate**

The evaluation and the ability to claim CME credits will be available online approximately 10 working days after the event. An e-mail from AUBMC HPDC Office will be sent to you with instructions for claiming AMA PRA Category 1 Credits™, and you will have 60 days following the activity to claim credits.

#### **Important Notes**

The same e-mail address which was used for registration and where you receive the e-mail and instructions from AUBMC HPDC will need to be used in order to claim credits.

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The following faculty have indicated that they may have a relationship, which in the context of their presentation(s), could be perceived as a potential conflict of interest:

#### **Omar Chamdine**

Bayer, Consultant | AstraZeneca, Speaker

#### **Caitlyn Duffy**

Amgen, Research Grant

#### Matthew J. Ehrhardt

Amgen, Speaker

#### Rabi Hanna, Sanofi

Advisory Board | Vertex, Advisory Board | Abbvie, Consultant | Editas, Research Support | Beam, Research Support | Chiesi, Advisory Board | Sumitomo, Advisory Board

#### **Scott Charles Howard**

Serb, Speaker | Amgen, Speaker

#### **Jacob Luber**

Boehringer Ingelheim, Postdoc Salary Support

#### Sheena Mukkada

Pfizer, Project Funding

#### **Gauray Narula**

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#### Ibrahim Qaddoumi

SpringWorks Pharmaceutical, Data Monitoring Committee Member | AstraZeneca Pharmaceutical, Advisory Board Member

#### Andrew D. Smith

Body Check, Owner | Radiostics, Owner

#### **Gevorg Tamamyan**

Agenus Inc, Research Grant | Luzsana Biotechnology, Consultant

#### Paul Yi

Philips, Conslutant | Bunkerhill Health, Consultant

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# **Scientific Program**

# **Pre-Conference Workshop**

# **April 30, 2025**

Al for Pediatric Oncology and its application in Neuroradiology – Limited Places

# **Objectives**

- 1. Illustrate the real-world impact and value of AI in a clinical pediatric oncology setting.
- **2.** Explore the AI lifecycle in neuroradiology from idea inception, dataset development, team building, validation, and potential clinical approval.
- **3.** Emphasize the ethical and regulatory considerations of implementing AI in healthcare.
- **4.** Discuss applications of AI in radiological image analysis, including inference, evaluation, and clinical workflows.
- **5**. Demonstrate how to prompt and interact with AI models effectively.
- 6. Introduce the basics of Python for data and AI applications.
- 7. Familiarize participants with the Hugging Face Transformers framework.

# **Target Audience**

Young pediatric oncologists, fellows, nurses, pharmacists, radiologists, and other healthcare professionals with beginner coding or technical skills who are interested in Al.

For detailed workshop program, click here.

# Pre-Conference Workshops (Closed) on April 30:

- Retinoblastoma Workshop
- Nursing Workshop

# DAY 1 THURSDAY, MAY 1, 2025

#### 8:00-8:30 am

Registration

#### 8:30-9:30 am

Meet the Expert Sessions (Two Sessions in Parallel)

#### Session 1

**Acute Myeloid Leukemia** 

Raul Ribeiro

#### Session 2

Recent Advances: Infantile Leukemia ALL Iman Sidhom

#### 9:30-9:35 am

**Opening Remarks** 

Rawad Rihani

# **SESSION 1**

# Registry/Data Analysis, Quality Improvements and Metrics

#### **Moderators**

Venkatraman Radhakrishnan and Iyad Sultan

#### 9:35-9:55 am

POEM in 2025: Challenges and Achievements

Gevorg Tamamyan (POEM president)

#### 9:55-10:20 am

Harnessing Data for Progress: The Role of Registries and Data Metrics in Pediatric Oncology Advancements

Nickhill Bhakta

#### 10:20-10:45 am

Advanced Data Analysis Techniques in Pediatric Oncology Research Meenakshi Devidas

#### 10:45-11:10 am

Poster Session - Coffee Break

#### 11:10-11:30 am

Profile implementation and Moving Forward With Dashboard and Regional Benchmarking Paola Friedrich

#### 11:30 am-12:00 pm

Status of PrOFILE within the POEM region: Experience from Jordan, Pakistan and KSA Rawad Rihani, Jordan Alia Ahmad, Pakistan Omar Chamdine, KSA

#### 12:00-1:00 pm

**Lunch Break** 

#### 1:00-1:45 pm

Panel Discussion: Leveraging Data Analysis and Metrics for Pediatric Oncology Improvement in the POEM Region

#### Moderator

Mustafa Tezer Kutluk

#### **Panelists**

Khaled Ghanem Venkatraman Radakrishnan Sanjeeva Gunasekera Meenakshi Devidas

### **SESSION 2**

# Innovations in Pediatric Transplantation and CAR-T: Strategies for Implementation and Growth

#### Moderators

Zainul Aabideen Kandy and Amr Qudeimat

#### 1:45-2:05 pm

Bone Marrow Transplantation: Advances and Cellular Therapy Leslie Lehmann

#### 2:05-2:25 pm

Updates: Haploidentical BMT in Children; Alternate BMT and Alpha Beta Depleted Transplant Brandon Triplett

#### 2:25-2:45 pm

Establishing a CAR T-cell Program in India (Status in the POEM Region)
Gaurav Narula

#### 2:45-3:05 pm

CAR T-cells Basics: How to Establish a CAR T-cell Program Brandon Triplett

#### 3:05-3:25 pm

Poster Session-Coffee Break

# **SESSION 3**

# From Research to Reality: Clinical Trials, Implementation Science, and Pediatric Leukemia Care

#### Moderators

Sima Jeha and Iman Sidhom

#### 3:25-3:50 pm

Bridging Gaps in Pediatric ALL care: Disparities and Challenges in the Eastern Mediterranean Region

### Asim Belgaumi

#### 3:50-4:15 pm

Implementation Science in Leukemia Caitlyn Duffy

#### 4:15-4:40 pm

Clinical Trials in Limited resources
Victor Santana

# **SESSION 4**

# Oral and Poster Presentations (Non-CME)

#### Moderators

Roula Farah and Nasir Zain

#### 4:40-5:30 pm

**Oral Presentations of the Top Abstract Winners** 

#### 5:30-5:45 pm

**POEM's Ambassadors Recognition** 

### 5:45-6:30 pm

Poster Presentations - Session 1 (non-CME)

# DAY 2 FRIDAY, MAY 2, 2025

#### 8:00-9:00 am

Meet the Expert Sessions (Two Sessions in Parallel)

#### Session 1

**Soft Tissue Sarcoma** Raya Saab

#### Session 2

Neuroblastoma Victor Santana

### **SFSSION 1**

# Advocacy, Equity and Access in Pediatric Oncology Care

#### Moderators

Gevorg Tamamyan, Siham Cherkaoui and Abdulhakim AlRawas

#### 9:00-9:20 am

Innovations in Increasing Access to Pediatric Oncology Treatment Scott Howard

#### 9:20-9:40 am

Strengthening Partnerships: Collaborative Models for Advancing Pediatric Oncology Care: APHOG Experience
Akira Nakagawara

#### 9:40-10:00 am

Advancing Global Pediatric Oncology: St. Jude's Role in Bridging Disparities Catherine Lam

#### 10:00-10:40 am

Panel Discussion: Breaking Barriers: Strategies for Achieving Equity and Access in Pediatric Oncology Care

#### Moderator

**Gevorg Tamamyan** 

#### **Panelists**

Sima Jeha (St. Jude) Giuseppe Troisi (WHO) Ishtar Espejo Castella' (Aladina Foundation) Mayya Assaad (BASMA Association) Nisreen Qatamish (KHCF)

#### 10:40-11:00 am

**Poster Session- Coffee Break** 

# **SESSION 2**

# Utilization of Regional Resources for Improvement

#### Moderators

Syed Ahmer Hamid and Ayhan Dağdemir

#### 11:00-11:40 am

Education in Pediatric Oncology: Fellowship Programs, Expertise Exchange between Centers: International and regional experiences

Daniel Moreira (International)

Daniel Moreira (International

Asim Belgaumi (Regional)

#### 11:40 am-12:00 pm

Collaborative Strategies for Resource Sharing and Capacity Building: Updates on the Osteosarcoma Project
Ruzanna Papyan

### 12:00-1:00 pm

**Lunch Break** 

### **SESSION 3**

# Stories That Heal: Harnessing Qualitative Research to Advance Childhood Cancer Care

#### Moderator

Tharwa Bilbeisi

#### 1:00-1:20 pm

Turning Stories into Science: The Importance of Qualitative Research in Advancing Cures for Children with Cancer

Dylan Graetz

#### 1:20-1:40 pm

Qualitative Health Research with Children: Just the Same as Research with Adults? Gemma Bryan

#### 1:40-2:00 pm

Qualitative Research with Refugee Populations in the Middle East Richard Harding-Swale

#### 2:00-2:50 pm

Panel Discussion: Qualitative Research

#### Moderator

Tharwa Bilbeisi

#### **Panelists**

Dylan Graetz, Gemma Bryan, Richard Harding-Swale, QR Abstracts Winners

#### 2:50-3:20 pm

**Poster Session-Coffee Break** 

# **SESSION 4**

# Transforming Care in Blood Disorders: Gene Therapy, Lifelong Impact of Childhood Cancer, and Advancing Treatment Strategies

#### **Moderators**

Miguel Abboud and Hasan Hashem

#### 3:20-3:45 pm

Gene therapy (Hemoglobinopathy) and bleeding disorders Rabi Hanna

#### 3:45-4:10 pm

Sickle cell disease: Clinical, Research and intervention Program Parul Rai

#### 4:10-4:35 pm

The Lifetime Impact of Childhood Cancer and Cancer Therapy Gregory Armstrong

# **SESSION 5**

Poster Presentations (Non-CME)

#### 4:35-5:30 pm

**Poster Presentations- Session 2** 

# DAY 3 SATURDAY, MAY 3, 2025

# **SESSION 1**

# CNS Tumors Redefined: Advances in Diagnosis, Novel Therapies, and Regional Access

#### Moderators

Nilgün Kurucu, Nisreen Amayri and Ayman Saleh

#### 8:00-8:20 am

CNS Tumors and New Classifications
David Ellison

#### 8:20-8:40 am

Novel Therapies - Low Grade Glioma Brain Tumors Ibrahim Qaddoumi

#### 8:40-9:00 am

Access to Novel Therapies in the POEM Region Julieta Hoveyan

# **SESSION 2**

# Global Comfort Promise Improvement Science in Action (ISIA) Program

#### Moderator

Hiba AlTarrah

#### 9:00-9:20 am

Palliative Care (Initiative with WHO in the Region)
Michael McNeil

#### 9:20-9:40 am

Global Comfort Promise Improvement Science in Action-Regional Impact and Lessons from the Region: Experience from Jordan and Pakistan

Anwar Al-Nassan (Jordan)

Sadaf Altaf (Pakistan)

#### 9:40-10:00 am

**Coffee Break** 

# **SESSION 3**

# Pediatric Lymphoma: Innovations and Equity

#### Moderator

Faiha Bazzeh

#### 10:00-10:20 am

Lymphoma: Leveraging Regional Assets for Enhanced Equity, Accessibility, and Quality Care Burça Aydın

#### 10:20-10:40 am

Updates on Hodgkin Lymphoma Matthew Ehrhadt

### **SESSION 4**

# Optimizing Antibiotic Use: Stewardship and MDR Bacteremia Management in Pediatric Oncology

#### Moderators

Hani Saleh and Neriman Sarı

#### 10:40-11:00 am

Updates in the Management of Multidrug Resistant Bacteremia in Children with Cancer Riham Abdelaziz Khedr

#### 11:00-11:20 am

Antimicrobial Stewardship Program in Children with Cancer and its Impact to Combat AMR Sheena Mukadda

# SESSION 5 Global Child Health

#### 11:20 am-12:40 pm

Panel Discussion: Collaborating for Systems-level Change to Enhance Global Child Health

#### Moderators

Julie Laveglia Brooke Happ

#### **Panelists**

St. Jude Global Scholars: Venkatraman Radakrishnan Alia Ahmad Sanjeeva Gunasekera

# **Closing Session**

#### 12:40-1:00 pm

Closing Session: Call to Action: Commitments for Collaborative Efforts Going Forward Rawad Rihani

#### 1:00-2:00 pm

# **Post-Conference Workshop**

# May 3, 2025

Multidisciplinary Management of Extremity & Trunk Sarcomas: Local Control Workshop

# **Objectives**

- 1. To comprehend the principles, indications, procedures, and challenges associated with radiotherapy for extremity and trunk sarcomas.
- **2**. To gain insight into the role of surgery in treating extremity and trunk sarcomas, as well as the associated challenges.
- **3**.To understand the selection and sequencing of local control modalities in common tumors such as NRSTS, RMS, Osteosarcoma, and Ewing's sarcoma.
- **4.**To highlight the importance of multidisciplinary management of these tumors and emphasize the early involvement of all disciplines—pediatric oncology, surgery, and radiation oncology—in the decision–making process.

# **Target Audience**

Trainees and consultant in pediatric oncology, radiation oncology, surgical oncology and orthopedic surgery.

For detailed workshop program, click here.



# **Organized By**

Healthcare Professional Development Center–American University of Beirut, Beirut – Lebanon

**Tel**: 01 35 00 00 ext 4717/4752

Email: hpdc@aub.edu.lb
Web: hpdc.aub.edu.lb