



KING HUSSEIN CANCER
RESEARCH CONFERENCE

CONFERENCE BOOKLET

 November 11-13, 2022

 The St. Regis - Amman, Jordan



20
Years



300
Active Researchers



80
Clinical Trials



>200
Research Submissions
/Year



>170
Publications
/Year

CHAIRMAN'S ADDRESS

On behalf of the conference organizing committee, it is my great pleasure to welcome you to the "King Hussein Cancer Research Conference 2022".



Sharp increase in cancer incidence and mortality is projected to occur in the coming two decades with disparities in survivorship, quality of life and financial toxicity from cancer in lower resource countries. With that comes the critical need to invest in biomedical research to better understand this complex disease and optimize treatment strategies. Building sustainable collaborations and joining forces for creating future shared infrastructure for cancer research and information exchange are among the goals that we hope this scientific gathering will foster, and to create a platform to showcase cutting-edge research projects and initiatives that fuel our pursuit to improve patient care, survival and quality of life.

We are honored to host an excellent caliber of international speakers and oncology experts, who will shed light on the latest advancements in diagnosis and treatment of cancer. Original unpublished research conducted by researchers from KHCC, Jordan, and the region will be presented. In addition to continued work on breast, lung, GI cancers and hematologic malignancies; major disease burdens in Jordan and the region, there will be a focus on applied genomics, precision medicine, immuno-oncology and information technology.

The conference is directed to physicians, nurses, and pharmacists working in the different fields of oncology. We look forward to your contribution and hope you find this meeting an enriching and rewarding experience,

Kind regards,

A blue ink handwritten signature, appearing to be 'A. Mansour', written in a cursive style.

Asem Mansour, MD
President of the Conference

Chief Executive Officer/Director General
King Hussein Cancer Center

CANCER CARE & RESEARCH @ KING HUSSEIN CANCER CENTER

1997



Establishment of Al Amal Hospital for Cancer Care

2003



Establishment of King Hussein Cancer Foundation
(Al Amal Hospital transformed into King Hussein Cancer Center)

Formation of King Hussein Cancer Center's IRB

2006



JCI Accreditation, hospital-wide

Establishment of the Jordan Breast Cancer Program

Establishment of OSAR (Office of Scientific Affairs & Research) and KHCC Tumor Registry

2023



Regional Outreach

2022



Equity & Outreach

Operating MOH cancer treatment facility at Al Bashir Hospital

2021



Increase Clinical Capacity, Infrastructure Growth, Research & Innovation

Introduction of State-of-the-art Robotic Surgery

2008



JCI Cancer Care Program
Certification

A comprehensive
oncology center
equipped to treat all
types of adult and
pediatric cancers

2012



Establishment of
KHCC's Research
Council
&
KHCC's Research
Fund
(Intramural Research
Grants Program)

2015



EORTC membership

A Human Research
Protection Program
(HRPP) at KHCC

2020



COVID-19
Pandemic
Implementation
of Tele-medicine
and Digital Technologies
(business as
usual)

2019



Accreditation for
KHCC's Human
Research Protection
Program
(Full AAHRPP
Accreditation)

Nursing MAGNET
Accreditation

2017



Opening of
KHCC
expansion
project,
increasing bed
capacity to
350 beds

KEYNOTE SPEAKERS



CARLOS RODRIGUEZ-GALINDO, MD

Executive Vice President
Chair, Department of Global Pediatric Medicine
Director, St. Jude Global
Co-Associate Director, Outreach, Comprehensive Cancer Center
St. Jude Children's Research Hospital
USA



DIPESH ODEDRA, MD

Director of Postgraduate Dental & Medical Education
Associate Medical Director at Leeds Teaching Hospitals
Consultant, Anesthesia
Leeds Teaching Hospitals
United Kingdom



ETIENNE BRAIN, MD, PHD

Medical Oncologist
Institut Curie (Paris & Saint-Cloud)
France



GHASSAN ABOU-ALFA, MD, MBA

Professor of Medical Oncology
Memorial Sloan Kettering Cancer Center
Weill Medical College at Cornell University
New York, USA



GIRISH KULKARNI, MD, PHD, FRCSC

Urologic Surgeon, Department of Surgical Oncology
Princess Margaret Cancer Centre

Assistant Professor, Department of Surgery
University of Toronto
Canada



PROF. HIKMAT ABDEL-RAZEQ, MD

Consultant, Medical Oncology
Chief Medical Officer
Professor and Chairman, Department of Internal Medicine
King Hussein Cancer Center
Jordan



DR. KEITH STEWART

Director, Princess Margaret Cancer Centre
Vice President, Cancer , University Health Network
Regional Vice President, Ontario Health, (Cancer Care Ontario)
Toronto, Canada



**MARY GOSPODAROWICZ OC MD FRCPC
FRCR(HON)**

Professor, Radiation Oncology, University of Toronto
Princess Margaret Cancer Centre. University Health Network
Canada



MOHAMED KHARFAN-DABAJA, MD, MBA, FACP

Professor of Medicine Vice-chair, Hematology
Director, Blood and Marrow Transplantation and Cellular
Therapies
Director, Inpatient Hematology Unit Medical
Director, Cancer Research Office (Mayo Clinic Florida Campus)
USA



PROF. DR. PETER LICHTER

Deputy Managing Director, NCT Heidelberg
Head of Division, Molecular Genetics
German Cancer Research Center (DKFZ)
Germany



YACOUB YOUSEF, MD

Consultant, Ocular Oncology
King Hussein Cancer Center
Jordan

SCIENTIFIC COMMITTEE



PROF. ALI HAJEER, PHD; FRCPATH; F(ACHI); FIBMS

Deputy Chairman, Department of Pathology and Laboratory Medicine, King Abdulaziz Medical City, MNGHA, Riyadh, Kingdom of Saudi Arabia



AMER ZEIDAN, MBBS

Associate Professor of Internal Medicine (Hematology)
Assistant director, Clinical Trials Office;
Director, Early Therapeutics Research, Hematology; Leader, Disease Aligned Research Team (DART) for Leukemias and Myeloid Malignancies
Yale Cancer Center
USA



EYAS M. HATTAB, MD, MBA

AJ Miller Professor and Chairman, Department of Pathology and Laboratory Medicine
University of Louisville
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NAVID MADANI, PHD

SHE Center – Founding Director
Lead Scientist, Department of Cancer Immunology and Virology Dana-Farber Cancer Institute, Harvard Medical School
USA



SCOTT HOWARD, MD, MSc

Pediatric Hematology/ Oncology

Professor, University of Tennessee Health Science Center
(uthsc.edu)


CEO, Resonance (ResonanceHealth.org)

USA

Scientific Program

DAY 1: FRIDAY, NOVEMBER 11, 2022

Time	Topic
Hall I	
14:00 - 15:45	Registration
16:00 - 16:15	Opening Ceremony
Session 1.A: Genomics in Cancer	
Moderator: Dr. Amer Zeidan	
16:15 - 16:45	<p>Keynote Lecture 1 Molecular Precision Oncology: Challenges in translating genomic information into clinical decisions Speaker: Prof. Dr. Peter Lichter</p>
16:45 - 16:55	<p>OP 1 Implementation of Universal, Pan-Cancer Germline Genetic Testing in Patients with Cancer in Jordan Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Hikmat Abdel-Razeq</p>
16:55 - 17:05	<p>OP 2 First Jordanian Genome Assembled and Annotated: A Step Toward Joining Regional and Global Initiatives Main Author: Dr. Abdelghani Tbakhi Presenter: Dr. Osama Al-Smadi</p>
17:05 - 17:15	<p>OP 3 Second Tumors Following Hematopoietic Stem Cell Transplantation: Fifteen Years' Experience from King Hussein Cancer Center Main Author: Dr. Rawad Rihani Presenter: Dr. Rawad Rihani</p>

Time	Topic
17:15 - 17:25	<p>OP 4 Prospective Data of Expanded versus Guideline-Directed Germline Genetic Testing on Patients with Prostate Cancer Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Ramiz Abu-Hijlih</p>
17:25 - 17:35	<p>Session Closure</p>
17:35 - 17:50	<p> Coffee Break + Exhibition Opening</p>
<p>Session 1.B: Cancer Control, Epidemiology and Beyond</p>	
<p>Moderator: Dr. Navid Madani</p>	
17:50 - 18:20	<p>Keynote Lecture 2: Changing the Mindset in Cancer Control Speaker: Dr. Mary K. Gospodarowicz</p>
18:20 - 18:30	<p>OP 5 Epidemiology and Trends of Lifestyle and Environmentally Related Cancers among Jordanians from 2007 to 2017 Main Author: Dr. Nour Obeidat Presenter: Dr. Nour Obeidat</p>
18:30 - 18:40	<p>OP 6 A Proposal for a New Clinical TNM Staging System for Retinoblastoma that Outperforms the Current TNM and International Classifications. Main Author: Dr. Yacoub Yousef Presenter: Dr. Yacoub Yousef</p>
18:40 - 18:50	<p>OP 7 Establishing a Flexible Dashboard for KHCC Cancer Registry (KHCC-flexdashboard) with a Dynamic Example from Adolescents and Young Adults with Bone Sarcomas Main Author: Dr. Iyad Sultan Presenter: Dr. Iyad Sultan</p>


Time	Topic
18:50 - 19:00	<p>OP 8 Epidemiology and Outcomes of Patients with Primary Central Nervous System Tumors Managed at the King Hussein Cancer Center, 2006 – 2019 Main Author: Dr. Maysa Al-Hussaini Presenter: Dr. Maysa Al-Hussaini</p>
19:00 - 19:10	Session Closure
Session 1.C: Breast Oncology	
Moderator: Dr. Majdi Barakat	
19:10 - 19:40	<p>Keynote Lecture 3: Princess Margaret Cancer Centre – A 2030 Vision Speaker: Dr. Keith Stewart</p>
19:50 - 20:00	<p>OP 9 Guideline-Based, Multi-Gene Panel Germline Genetic Testing for at-Risk Patients with Breast Cancer Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Hikmat Abdel-Razeq</p>
19:40 - 19:50	<p>OP 10 Experience with Mobile Van Mammography in Jordan: Results and Outcome Main Author: Dr. Laila Abu Tahoun Presenter: Dr. Laila Abu Tahoun</p>
20:00 - 20:10	<p>OP 11 Breast Cancer Screening, Early Detection and Family Planning Knowledge and Practice among Women in Three Jordanian Governorates - A Cross-Sectional Survey Main Author: Dr. Reem Ajlouni Presenter: Dr. Reem Ajlouni</p>

Time	Topic
20:10 - 20:20	<p>OP 12 Clinical Characteristics, Prognostic Factors and Treatment Outcomes of Patients with Bone-Only Metastatic Breast Cancer Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Lina Marie</p>
20:20 - 20:30	<p>Session Closure</p>
20:30 - 21:30	<p>Cocktail Reception - Exhibition Area</p>

DAY 2: SATURDAY, NOVEMBER 12, 2022


Time	Topic	
Hall 2		
07:30 - 08:00	<p>Novartis Satellite Symposium (1) (virtual): Title: Updates in the Management of Acute and Chronic GVHD Speaker: Dr. Nicolaus Martin Kröger, University of Hamburg, Germany</p>	
08:00 - 09:00	<p>Novartis Satellite Symposium (2): Title: Updates in the Management of HR+ve Advanced Breast Cancer Speaker: Dr. Dejan Juric, Massachusetts General Hospital, USA</p>	
08:00 - 08:45	Registration	
Session II: Parallel Sessions		
	Hall 1	Hall 2
	<p>Session II.A: Gastrointestinal Oncology</p> <p>Moderator: Dr. Yaser Al Rayyan</p>	<p>Session II.B: Genitourinary and Gynecological Oncology</p> <p>Moderator: Dr. Mohammad Al Qudah</p>
09:00 - 09:30	<p>Keynote Lecture 4: Novel Therapeutics in Hepatocellular and Biliary Carcinoma Speaker: Dr. Ghassan Abou-Alfa</p>	<p>Keynote Lecture 5: Multidisciplinary Cancer Care Speaker: Dr. Girish Kulkarni</p>

<p>09:30 - 09:40</p>	<p>OP 13 The Dynamic Metagenomic characterization of gut Microbiome among Locally Advanced Rectal Cancer Patients who Received Total Neoadjuvant Therapy (TNT) (A preliminary report) Main Author: Dr.Mahmoud Al-Masri Presenter: Dr.Mahmoud Al-Masri</p>	<p>OP 19 Real-world Outcomes of Nivolumab Therapy in Advanced Non-clear Cell Histology Renal Cell Carcinoma Patients: The King Hussein Cancer Center Experience Main Author: Dr. Samer Salah Presenter: Dr. Samer Salah</p>
<p>09:40 - 09:50</p>	<p>OP 14 Outcome of Neoadjuvant Therapy in Patients with Locally Advanced Rectal Cancer: Single Center Experience Main Author: Dr. Rim Turfa Presenter: Dr. Rim Turfa</p>	<p>OP 20 Expression of Programmed Death-1 (PD-1) and Programmed Death Ligand-1 (PD-L1) as a Prognostic Factor and Predictor of Response to Immune Therapy in Ovarian Cancer Main Author: Dr. Maysa Al-Hussaini Presenter: Ms. Heba Al-Salahat</p>
<p>09:50 - 10:00</p>	<p>OP 15 Oxaliplatin-doublet Adjuvant Chemotherapy in Stage III Colon Cancer: Survival Outcome in Elderly Patients based on MMR Status Main Author: Dr. Yacob Saleh Presenter: Dr. Suhaib Khater</p>	<p>OP 21 Metastatic Prostate Cancer (mPCa) in Jordan: Trends and Outcome Predictors Main Author: Dr. Amal Al-Omari Presenter: Dr. Amal Al-Omari</p>

10:00 - 10:10	<p>OP 16 Outcome of Definitive Chemo-radiation in Anal Cancer; Tertiary Cancer Center Report from the MENA Region Main Author: Dr. Tala Al Awabdeh Presenter: Dr. Tala Al Awabdeh</p>	<p>OP 22 Patterns and prevalence of pathogenic germline mutations using multi-gene panel testing in patients with ovarian cancer. The Jordanian Exploratory Cancer Genetics (Jo-ECAG) Ovarian Study Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Khansa Azzam</p>
10:10 - 10:20	<p>OP 17 Chemoimmunotherapy in the Context of Total Neoadjuvant therapy (TNT) in Patients with Locally Advanced Rectal Cancer Main Author: Dr. Ali Shamseddine Presenter: Dr. Laudy Chehade</p>	<p>OP 23 Localized Prostate Cancer (LPCa): Descriptive Trends and Survival Outcomes in Jordan Main Author: Dr. Amal Al-Omari Presenter: Dr. Fawzi Abu-Hijle</p>
10:20 - 10:30	<p>OP 18 Expression of the Methylcytosine Dioxygenase TET-2 and Cx43 in Inflammatory Bowel Disease and Colorectal Cancer Main Author: Dr. Marwan El-Sabban Presenter: Dr. Marwan El-Sabban</p>	<p>OP 24 The Impact of Nephrectomy on Survival of Metastatic Renal Cell Carcinoma Patients Treated with Checkpoint Inhibitors: A Single Institution Experience Main Author: Dr. Samer Salah Presenter: Dr. Samer Salah</p>
10:30 - 10:40	Closure	
10:40 - 11:10	 Coffee Break + Poster Viewing	

	Session II.C: General-1	Session II.D: Bone Marrow Transplantation-1
	Moderator: Dr. Darwish Badran	Moderator: Dr. Nidal Al Masri
11:10 - 11:20	<p>OP 25 Validating and Implementing Liquid Biopsy Service in KHCC Main Author: Dr. Abdelghani Tbakhi Presenter: Dr. Osama Al-Smadi</p>	<p>OP 33 Reliability of Peripheral Blood Minimal Residual Disease (MRD) Testing on Day 8 of Induction Therapy For Risk Stratification Of Pediatric Precursor B Acute Lymphoblastic Leukemia Main Author: Dr. Amal Abu Ghosh Presenter: Dr. Amal Abu Ghosh</p>
11:20 - 11:30	<p>OP 26 Capacity Building in Tobacco Dependence Treatment in the EMR: Presenting the approach, impact and the experiences of KHCC's program Main Author: Dr. Nour Obeidat Presenter: Ms. Asma Hatoqai</p>	<p>OP 34 Allogeneic Hematopoietic Cell Transplantation in Severe Aplastic Anemia: KHCC experience Main Author: Dr. Mayada Abu Shanap Presenter: Dr. Mayada Abu Shanap</p>
11:30 - 11:40	<p>OP 27 18F-FDG PET/CT for Adult Oncology Patients: Diagnostic Reference Levels and Effective Dose Main Author: Dr. Akram Al-Ibraheem Presenter: Dr. Akram Al-Ibraheem</p>	<p>OP 35 Factors Predicting GVHD-Free, Relapse-Free Survival (GRFS) after Allogeneic Hematopoietic Cell Transplantation for Pediatric Acute Leukemia: Analysis of 265 Patients Main Author: Dr. Mayada Abu Shanap Presenter: Dr. Shrouq Amer</p>

<p>11:40 - 11:50</p>	<p>OP 28 Customized Technique for Treatment of Juxta-Papillary Choroidal Melanoma By Notched Radioactive Plaque Therapy Main Author: Dr. Imad Jaradat Presenter: Dr. Imad Jaradat</p>	<p>OP 36 Outcomes of hematopoietic cell transplantation in children with inborn errors of immunity at KHCC Main Author: Dr. Hasan Hashem Presenter: Dr. Hasan Hashem</p>
<p>11:50 - 12:00</p>	<p>OP 29 Smoking Patterns and Predictors of Smoking Reduction among Jordanian Cancer Patients Main Author: Dr. Nour Obeidat Presenter: Ms. Yasmin Dodin</p>	<p>OP 37 Establishment of the King Hussein Cancer Center flow cytometry panel to detect minimal residual disease in B-lymphoblastic leukemia Main Author: Dr. Abdelghani Tbakhi Presenter: Dr. Saleh Khudirat</p>
<p>12:00 - 12:10</p>	<p>OP 30 Characteristics and Outcomes of Cancer versus Non-cancer Patients Admitted to the Intensive Care Units with Sepsis Main Author: Dr. Lama Nazer Presenter: Ms. Wedad Awad</p>	<p>OP 38 The Impact of Graft CD 3+ T-Cell Dose on the Outcome of T-Cell-Replete HLA-mismatched Allogeneic Peripheral Blood Stem Cell Transplantation in Advanced Hematologic Malignancies Main Author: Dr. Khalid Halahleh Presenter: Dr. Khalid Halahleh</p>

12:10 - 12:20	<p>OP 31 Characterization of The Expression of Senescence-Associated Proteins in Clinical Breast Cancer in Response to Chemotherapy Main Author: Dr. Tareq Saleh Presenter: Dr. Tareq Saleh</p>	<p>OP 39 Safety of Allogeneic Hematopoietic Cell Transplantation in Children after CD19-targeted CAR T-Cell Therapy: First 3 Patients treated at KHCC Main Author: Dr. Hasan Hashem Presenter: Dr. Hasan Hashem</p>
12:20 - 12:30	<p>OP 32 Expression of Complement Regulatory Proteins and Complement Activation in Therapy-Induced Senescent Cells Main Author: Dr. Anas Abu-Humaidan Presenter: Dr. Anas Abu-Humaidan</p>	<p>OP 40 Haploidentical Transplantation for Patients with Fanconi Anemia Main Author: Dr. Eman Khattab Presenter: Dr. Eman Khattab</p>
12:30 - 12:40	Closure	
12:40 - 13:55	 Lunch Break (Hall 3) and Exhibition	


Session III: Parallel Sessions		
	Hall 1	Hall 2
	Session III.A: Breast Oncology-1	Session III. B: Nursing Research
Moderator: Etienne Brain		
13:55 - 14:25	<p>Keynote Lecture 6: Hall 1 Breast Cancer Genetics: How Far Should we Go and How High Should we Jump? Speaker: Dr. Hikmat Abdel-Razeq</p>	
	Moderator: Dr. Etienne Brain	Moderator: Dr. Laila Akhu Zahieh
14:25 - 14:35	<p>OP 41 Ribociclib Induced Acute Kidney Injury; A Case Series and Review of Literature Main Author: Dr. Maissoune Hajir Presenter: Dr. Maissoune Hajir</p>	<p>OP 47 The Impact of EI on the Effectiveness of Shared Governance Councils, and Professional Work Environment among Nurses Participated in SGC at International Specialized Cancer Center Main Author: Dr. Majeda Al-Ruzzieh Presenter: Dr. Majeda Al-Ruzzieh</p>
14:35 - 14:45	<p>OP 42 Incidence and Characteristics of Significant Complications among Breast Cancer Patients Receiving Antineoplastic Agents in the Ambulatory Setting Main Author: Dr. Zahieh Abu-Alloush Presenter: Dr. Zahieh Abu-Alloush</p>	<p>OP 48 Genomic Literacy among Nurses in Jordan: A Population-based Study Main Author: Dr. Aladeen Alloubani Presenter: Dr. Aladeen Alloubani</p>

<p>14:45 - 14:55</p>	<p>OP 43 Clinical Characteristics and Treatment Outcomes of HER2-Positive Invasive Lobular Breast Carcinoma Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Hala Abu Fares</p>	<p>OP 49 Assessment of Alarm Fatigue Risk among oncology nurses Main Author: Mr. Amjad Eid Presenter: Mr. Amjad Eid</p>
<p>14:55 - 15:05</p>	<p>OP 44 De novo Metastatic Breast Cancer; Clinical Characteristics and Treatment Outcomes in a Developing Country Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Hanan Al-Masri</p>	<p>OP 50 Breast Self-examination: Knowledge, Practice, and Beliefs among Females in Jordan Main Author: Ms. Suhad Ahmad Presenter: Ms. Suhad Ahmad</p>
<p>15:05 - 15:15</p>	<p>OP 45 Dual anti-HER2 Therapy with Pertuzumab and Trastuzumab versus Trastuzumab alone with Anthracycline and Taxane-based Neoadjuvant Therapy in Patients with HER2-Positive Early-Stage Breast Cancer; Real-World Data Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Baha Sharaf</p>	<p>OP 51 Assessment of Jordanian Nurses' Knowledge and Practice towards Infection Control Measures Main Author: Ms. Najah Hussein Presenter: Ms. Najah Hussein</p>

15:15 - 15:25	<p>OP 46 Aggressiveness of Cancer Care at End of Life in Patients with Metastatic Breast Cancer: Regional Perspectives Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Mahmoud Abu Naser</p>	<p>OP 52 Comparing the Effectiveness of Computer-based Teaching versus Face-to-face Teaching of Clinically Related Courses among Newly Hired Oncology Nurses Main Author: Ms. Hedaia Al-Awaysheh Presenter: Ms. Hedaia Al-Awaysheh</p>
15:25 - 15:35	Closure	
15:35 - 16:05	 Coffee Break + Poster Viewing	
	<p>Session III.C: General-2</p> <p>Moderator: Dr. Ali Hajjir</p>	<p>Session III.D: Pharmacy Research</p> <p>Moderator: Dr. Rula Darwish</p>
16:05 - 16:15	<p>OP 53 Predictors of Hematopoietic Stem Cells Poor Mobilizer Main Author: Ms. Maha Yousef Presenter: Ms. Maha Yousef</p>	<p>OP 61 Evaluating the Impact of Clinical Pharmacy Services in the Emergency Department of an Oncology Cancer Center Main Author: Dr. Farah Alsheyab Presenter: Dr. Farah Alsheyab</p>

<p>16:15 - 16:25</p>	<p>OP 54 Novel Approaches to Examine p16INK4a Status in Glioma Main Author: Dr. Sofian Al Shboul Presenting Author: Dr. Sofian Al Shboul</p>	<p>OP 62 A Prospective Study Comparing Vancomycin Therapeutic Monitoring by Bayesian-derived area-under-the-curve versus Trough Concentrations in Critically Ill Cancer Patients Main Author: Dr. Wedad Awad Presenter: Dr. Aseel Abu Sara</p>
<p>16:25 - 16:35</p>	<p>OP 55 Stress, Resilience and Moral Distress among Health Care Providers in Oncology during the COVID-19 Pandemic Main Author: Dr. Omar Shamieh Presenter: Dr. Mahmoud Abu Naser</p>	<p>OP 63 The Impact of Antimicrobial Stewardship Pharmacist-Led Culture Review in the Ambulatory Setting at a Comprehensive Cancer Center Main Author: Dr. Deema Abdelrahman Presenter: Dr. Deema Abdelrahman</p>
<p>16:35 - 16:45</p>	<p>OP 56 Prevalence and Mortality of COVID-19 in variable Cancer Subtypes with Radiological Correlation at the King Hussein Cancer Center Main Author: Dr. Mousa El-Khalidi Presenter: Dr. Mira Al Jabi</p>	<p>OP 64 Adverse Drug Reactions Associated with Modifications to the Cancer Treatment Plan in Patients with Breast Cancer Main Author: Dr. Saba' Marji Presenter: Dr. Saba' Marji</p>

<p>16:45 - 16:55</p>	<p>OP 57 Impact of SARS-Cov2 Pandemic on Influenza Infection and the overall Respiratory Viruses' Transmission in a Cancer Care Setting Main Author: Ms. Sawsan Mubarak Presenter: Ms. Sawsan Mubarak</p>	<p>OP 65 Characteristics and Outcomes of Adverse Events Necessitating Visits to the Emergency Department among Cancer Patients Receiving Chemotherapy in the Ambulatory Setting Main Author: Dr. Naheel Said Presenter: Dr. Naheel Said</p>
<p>16:55 - 17:05</p>	<p>OP 58 Depth of Invasion (DOI) in Tongue Cancer, Oral Tongue Squamous Cell Carcinoma (OTSCC), Radiological Pathological Correlation and Outcome Main Author: Dr. Fatenah Ajlouni Presenter: Dr. Fatenah Ajlouni</p>	<p>OP 66 Implementation of an Antimicrobial Stewardship Program at a Comprehensive Cancer Center in Jordan Main Author: Dr. Rula Najjar Presenter: Dr. Rula Najjar</p>
<p>17:05 - 17:15</p>	<p>OP 59 Primary Radiation Therapy for Advanced Stage Laryngeal Cancer: A Laryngo-esophageal Dysfunction Disease Free Survival Main Author: Dr. Issa Mohammad Presenter: Dr. Issa Mohammad</p>	<p>OP 67 Mail-order Pharmacy Use and its Impact on Adherence to Hormonal and Antineoplastic Agents among Cancer Patients Main Author: Ms. Mariam Shehadeh Presenter: Ms. Mariam Shehadeh</p>

17:15 - 17:25	<p>OP 60 Role of Neoadjuvant Chemotherapy in Thymic Tumors Main Author: Dr. Riad Abdel Jalil Presenter: Dr. Riad Abdel Jalil</p>	<p>OP 68 Evaluating the Predictive Performance of the Acute Physiology and Chronic Health Evaluation (APACHE) IV in Septic Patients with and without Cancer Main Author: Dr. Lama Nazer Presenter: Dr. Lama Nazer</p>
17:25 - 17:35	Closure	
18:00 - 19:00	<p>Roche Satellite Symposium (virtual): Title: Updates in the Management of R/R DLBCL Speaker: Professor Andrew Davies, University of Southampton, UK</p>	<p>Pfizer Satellite Symposium (virtual): Title: The ABC treatment universe: through the telescope of long-term experience Speaker: Dr. Guiseppe Curigliano, University of Milano, Italy</p>
19:00- 20:00	 Conference Dinner (Hall 3)	

DAY 3: SUNDAY, NOVEMBER 13, 2022

Time	Topic	
Session IV: Parallel Sessions		
	Hall 1	Hall 2
	Session IV.A: Breast Oncology-2 Moderator: Dr. Taher abu hijleh	Session IV.B: Neuro-oncology and Ocular Oncology Moderator: Dr. Eyas Hattab
09:00 - 09:30	Keynote Lecture 7: De-escalation/Optimization Challenges in TNBC Speaker: Etienne Brain, MD, PhD	Keynote Lecture 8: The Power of Rare: Retinoblastoma Speaker: Dr. Yacoub Yousef
09:30 - 09:40	OP 69 Mismatch Repair Proteins Deficiency in Triple Negative Breast Carcinoma: Histopathology and Immunohistochemistry Study in Jordan Main Author: Dr. Maher Sughayer Presenter: Dr. Maher Sughayer	OP 75 Novel Safe Surgical Approach for Repair of Retinal Detachment in Eyes that harbor Active Retinoblastoma Main Author: Dr. Yacoub Yousef Presenter: Dr. Ibrahim Nawaiseh

<p>09:40 - 09:50</p>	<p>OP 70 Identification of Gene Panel Predictive of Triple Negative Breast Cancer response to Neoadjuvant Chemotherapy Employing Transcriptomic and Functional Validation Main Author: Dr. Nehad Alajez Presenter: Dr. Nehad Alajez</p>	<p>OP 76 Clinical Characteristics and Treatment Outcomes for Adult Medulloblastoma: A Tertiary Cancer Center Experience Main Author: Dr. Abdelatif Almousa Presenter: Dr. Ayah Erjan</p>
<p>09:50 - 10:00</p>	<p>OP 71 Differences in Treatment Outcomes Between Patients with HER2-Low versus HER2-Zero, Hormone Receptor-Positive Advanced-Stage Breast Cancer Treated with CDK4/6 Inhibitors Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Baha Sharaf</p>	<p>OP 77 Supratentorial Ependymoma, a Molecular Based Classification with Outcome Correlation Main Author: Dr. Maysa Al-Hussaini Presenter: Dr. Abdallah Al-Ani</p>
<p>10:00 - 10:10</p>	<p>OP 72 Cost Effectiveness of Organized Mammography Breast Cancer Screening in Jordan Main Author: Ms. Abeer Al-Rabaiah Presenter: Ms. Abeer Al-Rabaiah</p>	<p>OP 78 The Impact of Systemic Chemotherapy on the Detection of High-risk Pathological Features in Retinoblastoma: Clinicopathological Correlation Main Author: Dr. Mona Mohammad Presenter: Dr. Mona Mohammad</p>

10:10 - 10:20	<p>OP 73 Challenges and Dilemmas Following a Traceback Approach for Genetic Counseling and Genetic Testing for Pathogenic Germline Mutations among High-Risk Patients Previously Diagnosed with Breast Cancer Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Faris Tamimi</p>	<p>OP 79 Midline Gliomas, a Clinicopathological Study from King Hussein Cancer Center Main Author: Dr. Maysa Al-Hussaini Presenter: Dr. Maysa Al-Hussaini</p>
10:20 - 10:30	<p>OP 74 Protein Expression of the Apoptosis Markers BCL-XL, MCL-1, and BAX in Response to Neoadjuvant Chemotherapy in Breast Cancer Main Author: Dr. Tareq Saleh Presenter: Ms. Sara Blokh</p>	<p>OP 80 Topotecan for Refractory/ Recurrent Intraocular Retinoblastoma: Outcome and Response Predictive Factors Main Author: Dr. Hadeel Halalsheh Presenter: Dr. Hadeel Halalsheh</p>
10:30 - 10:40	Closure	
10:40 - 11:10	 Coffee Break + Poster Viewing	

Time	Topic	
Session IV: Parallel Sessions		
	Session IV.C: Bone Marrow Transplant-2 Moderator: Dr. Sameer Yaser	Session IV.D: Palliative Care and End of Life/ Quality of Life Moderator: Dr. Sawsan Al Majali
11:10 - 11:20	OP 81 Impact of Earlier Administration of Calcineurin Inhibitors in Haploidentical Stem Cell Transplant on Cytokine Release Syndrome, Relapse and Graft versus Host Disease Main Author: Dr. Mohammad Ma'koseh Presenter: Dr. Mohammad Ma'koseh	OP 88 The Prevalence of Do-not-resuscitate (DNR) Order at the Time of Death among Patients Received Specialized Palliative Care at a Tertiary Cancer Center in Jordan Main Author: Dr. Omar Shamieh Presenter: Dr. Omar Shamieh
11:20 - 11:30	OP 82 Outcomes Related to Pediatric Intensive Care Unit Admission in the first 100 Days Post Hematopoietic Cell Transplantation Main Author: Dr. Hasan Hashem Presenter: Dr. Zebin Al Zebin	OP 89 Timely Referral to Pediatric Palliative Care Service Decreases Utilization of Hospital Resources in Children Dying with Cancer Main Author: Dr. Anwar Al-Nasan Presenter: Dr. Anwar Al-Nasan

<p>11:30 - 11:40</p>	<p>OP 83 Prevalence, Patterns and Predictors of Venous Thromboembolic Events in Patients Undergoing Salvage Chemotherapy and Autologous Stem Cell Transplantation for Relapsed Lymphomas Main Author: Dr. Hikmat Abdel-Razeq Presenter: Dr. Mohammad Ma'koseh</p>	<p>OP 90 Attitudes of Jordanian Nurses Toward Caring For Dying Patients Main Author: Ms. Sara Nour Presenter: Ms. Sara Nour</p>
<p>11:40 - 11:50</p>	<p>OP 84 Features and Outcomes of Stem Cell Transplantation for Children and Young Adults with Thalassemia Major: A Risk Adaptive Approach at King Hussein Cancer Center Main Author: Dr. Rawad Rihani Presenter: Dr. Rawad Rihani</p>	<p>OP 91 Evaluating Medication Use among Home Care Cancer Patients at End of Life in a Comprehensive Cancer Center in Jordan Main Author: Dr. Amani Elmughrabi Presenter: Dr. Amani Elmughrabi</p>
<p>11:50 - 12:00</p>	<p>OP 85 Severe Lymphopenia Predicts Poor Outcomes in Hematopoietic Cell Transplant Recipients with COVID-19 Infections Main Author: Dr. Mayada Abu Shanap Presenter: Dr. Eman Khattab</p>	<p>OP 92 Supportive Care Needs Assessment for Adult Survivors of Childhood Cancer at a Comprehensive Cancer Center in the Middle East: Bridging the Gap Main Author: Dr. Amal Al-Omari Presenter: Mr. Nedal Al-Rawashdeh</p>


12:00 - 12:10	<p>OP 86 Inpatient admissions for mucositis after chemotherapy in children with cancer: Descriptive analysis and predictors for prolonged hospitalization Main Author: Dr. Anwar Al-Nasan Presenter: Ms. Shireen Al-Awadi</p>	<p>OP 93 Development of a Patient-Reported Outcome (PRO) Questionnaire for Quality of Life (QoL) of Children with Cancer: Phase Ia Main Author: Dr. Amal Al-Omari Presenter: Ms. Haneen Abaza</p>
12:10 - 12:20	<p>OP 87 Once Thought to be Fatal Disorder, a Successful Allogeneic Hematopoietic Cell Transplantation for Paroxysmal Nocturnal Hemoglobinuria (PNH) Case, Non Aplastic, at King Hussein Cancer Center Main Author: Dr. Husam Abu Jazar Presenter: Dr. Husam Abu Jazar</p>	<p>OP 94 Prevalence of Depression and Anxiety among Newly Diagnosed Cancer Patients in Lebanon Main Author: Dr. Hazem Assi Presenter: Ms. Suha Kalash</p>
12:20 - 12:30	Closure	
12:30 - 13:45	🍴 Lunch Break (Hall 3)	

Time	Topic	
Session V: Parallel Sessions:		
	Hall 1	Hall 2
	Session V.A: General-3	Session V.B: Hematology/ Leukemia
Moderator: Dr. Samir Amr		
13:45 - 14:15	Keynote Lecture 9: hall 1 Defining the New Treatment Algorithm for Relapsed and/ or Refractory Diffuse Large B-cell Lymphoma: A focus on CAR T-Cell Therapy Speaker: Dr. Mohamed Kharfan-Dabaja	
	Moderator: Dr. Samir Amr	Moderator: Dr. Rawad Rihani
14:15 - 14:25	OP 95 Vaccine Hesitancy in Cancer Patients: Identifying Factors Main Author: Dr. Mahmoud Al-Masri Presenter: Ms. Yasmin Safi	OP 100 Flow Cytometric Signature of CD371 Positive and CD371 Negative Acute Lymphoblastic Leukemia Cases at KHCC Main Author: Dr. Fareed Barakat Presenter: Dr. Fareed Barakat
14:25 - 14:35	OP 96 Unraveling Predictors of Late Cancer Presentation and Diagnosis in Jordan: A Study of Lung and Colorectal Cancer Patients Main Author: Ms. Rana Damsees Presenter: Ms. Rana Damsees	OP 101 Survival Outcomes of 121 AML Patients according to ELN AML 2022 Classification from Jordan: Retrospective Single Center Analysis Main Author: Dr. Khalid Halahleh Presenter: Dr. Abeer Yaseen

14:35 - 14:45	<p>OP 97 Communicating Uncertainty in Pathology Reports: a Descriptive Study from a Specialized Cancer Center Main Author: Dr. Omar Jaber Presenter: Dr. Omar Jaber</p>	<p>OP 102 Genomic Profiling based on Next-Generation Sequencing (NGS) has Elucidated the Genomic Landscape of Pediatric AML Treated at KHCC Main Author: Dr. Mayada Abu Shanap Presenter: Dr. Farah Alul</p>
14:45 - 14:55	<p>OP 98 ERAMER: A Novel In Silico Tool for Prediction of ERAP1 Enzyme Trimming Main Author: Dr. Abdelghani Tbakhi Presenter: Dr. Anas Al Okaily</p>	<p>OP 103 CML in Adolescents and Young Adult, Clinical Characteristics and Outcome, a Single Institution Experience Main Author: Dr. Kamal Al-Rabi Presenter: Dr. Kamal Al-Rabi</p>
14:55 - 15:05	<p>OP 99 The Cost-saving and Efficiency Improvement Impacts of Six sigma and Total Allowable Error Applications in the Clinical Laboratories Main Author: Dr. Maher Sughayer Presenter: Ms. Abeer Al-Nuirat</p>	<p>OP 104 Targeting Mutant Nucleophosmin-1 through Modulation of its Post-translational Modifications in Acute Myeloid Leukemia Main Author: Dr. Hiba El Hajj Presenter: Dr. Hiba El Hajj</p>
15:05 - 15:15	Closure	
15:15 - 15:30	 Coffee Break	

Time	Topic	
	Session V.C: Pediatric Oncology	Session V.D: Breast Oncology-3
Moderator: Dr. Scott Howaed		
15:30 - 16:00	Keynote Lecture 10: Educating and Developing a Sustainable Medical Workforce- What Have We Learned from the Pandemic Speaker: Dr. Dipesh Odedra	
	Moderator: Dr. Scott Howaed	Moderator: Dr. Mahmoud al Masri
16:00 - 16:10	OP 105 The Impact of High Body Mass Index (BMI) on the Induction Phase in Children with Acute Lymphoblastic Leukemia in a Developing Country Main Author: Dr. Maha Barbar Presenter: Dr. Maha Barbar	OP 111 Thyroid Dysfunction as Risk Factor for Breast Cancer could Simple Test Prevent? Main Author: Dr. Ali Al-Ebous Presenter: Dr. Ali Al-Ebous
16:10 - 16:20	OP 106 A Sample of 197 Patients from the Pediatric Genetic Clinic at King Hussein Cancer Center Represents an Underrepresentation of Genomic Data from Middles East/Arab Ancestry Main Author: Dr. Mayada Abu Shanap Presenter: Dr. Mayada Abu Shanap	OP 112 Impact of Scalp Cooling on Quality of Life of Patients Undergoing Adjuvant or Neoadjuvant Chemotherapy for Early-Stage Breast Cancer Main Author: Dr. Ruba Altoum Presenter: Dr. Ruba Altoum

<p>16:20 - 16:30</p>	<p>OP 107 Long Term Outcome of Limb Salvage Surgery, A Single Institution Experience, Analysis of 210 Cases Main Author: Dr. Ahmad Shehadeh Presenter: Dr. Ahmad Shehadeh</p>	<p>OP 113 Spectrum of Imaging and Histopathology Findings of Recall Community Outreach Screening Mammography Main Author: Dr. Suha Al Ghoul Presenter: Dr. Suha Al Ghoul</p>
<p>16:30 - 16:40</p>	<p>OP 108 Morbidities Encountered after Treating Childhood Medulloblastoma: Another Challenge Facing Low Middle Income Countries Main Author: Dr. Nisreen Amayiri Presenter: Dr. Nisreen Amayiri</p>	<p>OP 113 MR-Guided Breast Biopsy: Imaging Findings and Radiology-Pathology Correlation Main Author: Dr. Laila Abu Tahoun Presenter: Dr. Yumna Al-Khatib</p>
<p>16:40 - 16:50</p>	<p>OP 109 Exploring Coping Strategies among Caregivers of Children who have Survived Cancer in Jordan. Main Author: Dr. Taleb Ismael Presenter: Dr. Noor Ismeal</p>	

16:50 - 17:00	<p>OP 110 The Golden Hour: A Quality Project to Decrease the Time to Antibiotics Administration in Children with Cancer and Febrile Neutropenia Main Author: Dr. Faiha Bazzeh Presenter: Dr. Faiha Bazzeh</p>	
17:00 - 17:10	Closure	
17:15 - 15:25	 Closing Remarks / Dr. Asem Mansour - Hall 1	

Poster Program

DAY 1: SATURDAY, NOVEMBER 12, 2022 / COFFEE BREAK 1

Time	Topic
GI	
Screen 1	
10:45 - 10:50	<p>P-1 Genomic Landscape of Rectal Cancer Regrowth (M): Mahmoud Almasri (P): Yasmin Safi</p>
10:50 - 10:55	<p>P-2 Association between Muscle Mass and Overall Survival (OS) among Colorectal Cancer (CRC) Patients at King Hussein Cancer Center (KHCC) (M): Amal Al-Omari (P): Ayat Taqash</p>
10:55 - 11:00	<p>P-3 Evaluating the Impact of Adverse Drug Reactions Associated with Antineoplastic Regimens on the Treatment Plan of Patients with Gastrointestinal Cancer (M): Deema Alkhdirat (P): Deema Alkhdirat</p>
11:00 - 11:05	<p>P-4 Cost-utility Analysis of Trifluridine and Tipiracil (TAS-102) for Pretreated Metastatic Gastric Cancer in Jordan (M): Razan Sawalha (P): Razan Sawalha</p>
GI	
Screen 2	
10:45 - 10:50	<p>P-5 Cost-Utility Analysis of Trifluridine/ Tipiracil in Treating Metastatic Colorectal Cancer in Previously Treated Patients from a Payer Perspective in Jordan (M): Abeer Al-Rabaiah (P): Razan Sawalha</p>

10:50 - 10:55	<p>P-6 The Value of Low CEA Level in Detecting the Behavior of Tumors in Colorectal Adenocarcinoma and Relation with other Multivariate (M): Tala Awabdeh (P): Hanan Khalil"</p>
10:55 - 11:00	<p>P-7 Prognostic Significance of the Lymph Node Ratio in Stage III Colorectal Adenocarcinoma (M): Maysa Al-Hussaini (P): Abdallah Al-Ani</p>
11:00 - 11:05	<p>P-8 Electrolytes Disorders in Patients with Gastrointestinal Cancers Receiving Active Antineoplastic Treatment in the Ambulatory Setting (M): Ola Mashni (P): Ola Mashni</p>
GYN/GU	
Screen 3	
10:45 - 10:50	<p>P-9 Role of Hematological Biomarkers to Predict Oncological Outcomes to Definitive Chemoradiation in Locally Advanced Vulvar Carcinoma (M): Fawzi Abu-Hijle (P): Fawzi Abu-Hijle</p>
10:50 - 10:55	<p>P-10 Initial Experience with Versius Robotic Surgical Platform in Major Urologic Oncology Cases in Jordan (M): Rami Ghanem (P): Hamam Almansi</p>
10:55 - 11:00	<p>P-11 Towards Molecular Classification of Endometrial Carcinoma, the Status of the Mismatch Repair Proteins in a Cohort of Endometrial Carcinoma Cases (M): Maysa Al-Hussaini (P): Ahmad Maswadeh</p>

11:00 - 11:05	<p>P-12 Cell Cycle Pathway Genetic Alteration in Prostate Cancer (M): Mazhar Al Zoubi (P): Mazhar Al Zoubi</p>
Survey	
Screen 4	
10:45 - 10:50	<p>P-13 Medical Students' Knowledge, Attitude, and Practices Towards Whole Genome Sequencing (M): Maysa Al-Hussaini (P): Hala Sultan</p>
10:50 - 10:55	<p>P-14 Effect of an Educational Intervention on the knowledge, Attitudes, and Practices of Oncologists towards Predatory Publishers at King Hussein Cancer Center (M): Maysa Al-Hussaini (P): Abdallah Al-Ani</p>
10:55 - 11:00	<p>P-15 A National Survey of Complementary and Alternative Medicine (CAM) Use among Adult Cancer Patients in Jordan: Comparative Study of trends over the Past Decade (M): Amal Al-Omari (P): Nedal Al-Rawashdeh</p>
11:00 - 11:05	<p>P-16 Depression and Anxiety among Medical Students at Yarmouk University: An Interim Analysis (M): Noor Obeidat (P): Yasmeen Dodin</p>
BMT	
Screen 5	
10:45 - 10:50	<p>P-17 Clinical and Economic Impacts of Adding Mmicro-filter to Rabbit AntiThymocyte Globulin Preparations for Hematopoietic Stem Cell Transplant Patients (M): Rawan Alferoukh (P): Duaa Muferrej</p>

10:50 - 10:55	<p>P-18 Defibrotide: Do not use as Prophylaxis for Veno-Occlusive Disease post-transplant (M): Mayada Abu Shanap (P): Rula Najjar</p>
10:55 - 11:00	<p>P-19 Human Papilloma Virus Vaccination for Fanconi Anemia Patients (M): Eman Khattab (P): Eman Khattab</p>
11:00 - 11:05	<p>P-20 Sorafenib as Maintenance Therapy Post Allogeneic Hematopoietic Stem Cell Transplantation for children with FLT3-ITD Positive Acute Myeloid Leukemia: King Hussein Cancer Center Experience (M): Mayada Abu Shanap (P): Mayada Abu Shanap</p>
COVID	
Screen 6	
10:45 - 10:50	<p>P-21 Characteristics and Outcomes of COVID-19 Infection among Patients with Cancer in a Developing Country: Case Study in Jordan (M): Sawsan Mubarak (P): Sawsan Mubarak</p>
10:50 - 10:55	<p>P-22 Impact of COVID-19 Infection on Cancer Patients in Jordan: Tertiary Cancer Center Experience (M): Kamal Al-Rabi (P): Fadwa Alqadi</p>
10:55 - 11:00	<p>P-23 The Value of Virtual Meetings during COVID-19 Pandemic in Healthcare Settings (M): Maher Sughayer (P): Tamara Dabbagh</p>

11:00 - 11:05	<p>P-24 Impact of Corticosteroids on Cancer patients with COVID-19 at King Hussein Cancer Center (M): Maher Sughayer (P): Zeinab Al-Khairy</p>
Breast	
Screen 7	
10:45 - 10:50	<p>P-25 Neutrophil-to-Lymphocyte Ratio (NLR) as a Potential Prognostic Marker in Patients with Hormone Receptor-Positive/HER2-Negative Advanced-Stage Breast Cancer Treated with CDK4/6 Inhibitors: A Focus on Ribociclib (M): Hikmat Abdel-Razeq (P): Baha Sharaf</p>
10:50 - 10:55	<p>P-26 Extended versus Limited Multi-Gene Panel (MGP) Testing for Germline Pathogenic Variants (GPV) among Younger Adults with Breast Cancer (M): Hikmat Abdel-Razeq (P): Hala Abu Faris</p>
10:55 - 11:00	<p>P-27 Real World Clinical Outcomes of Patients Treated with Ribociclib in Combination with Aromatase Inhibitors or Fulvestrant for Hormone Receptor-Positive, HER2-Negative Metastatic Breast Cancer (M): Hikmat Abdel-Razeq (P): Baha Sharaf</p>
11:00 - 11:05	<p>P-28 Multi-Gene Panel (MGP) Testing for Pathogenic Germline Variants (PGVs) among Older Patients with Breast Cancer (M): Hikmat Abdel-Razeq (P): Shatha Elemian</p>

Breast

Screen 8

10:45 - 10:50	P-29 Prevention and Treatment of Cancer Therapy-Related Bone Loss in Patients with Early-Stage Breast Cancer (M): Murad Salam (P): Murad Salam
10:50 - 10:55	P-30 PIK3CA Mutational Profiling in a Patient Cohort with HR+/HER2- Advanced Metastatic Breast Cancer at a Tertiary Cancer Center (M): Abdelghani Tbakhi (P): Zaineh Shahin
10:55 - 11:00	P-31 Knowledge, Attitudes and Practices of Arab Women Toward Early Detection and Screening of Breast Cancer (M): Reem Ajlouni (P): Reem Ajlouni
11:00 - 11:05	P-32 Postoperative Pain after Breast Cancer Surgeries (M): Ahmad Arraqap (P): Ahmad Arraqap

Head & Neck

Screen 9

10:45 - 10:50	P-33 Prediction of Nodal Metastasis by FDG PET/CT in Untreated Laryngeal Carcinoma (M): Akram Al-Ibraheem (P): Ahmed Abdulkadir
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10:50 - 10:55	<p>P-34 Re-irradiation for Recurrent Head and Neck Cancer: A Potential Salvage Treatment Option (M): Issa Mohammad (P): Issa Mohammad</p>
10:55 - 11:00	<p>P-35 An Observational Study to Correlate Scores of the A-EAT with PEG Tube Insertion Outcomes in HNC Patients and Provide Recommendation to Standardize Process for PEG Insertion (M): Da'ad Abdelhay (P): Da'ad Abdelhay</p>
11:00 - 11:05	<p>P-36 Demographic and Clinicopathological Profile of Oral Squamous Cell Carcinoma Patients in Jordan: A Retrospective Institute based Study (M): Medyan Alrousan (P): Raad Sonaa</p>
Head & Neck	
Screen 9	
10:45 - 10:50	<p>P-37 Seroconversion Assessment in Response to SARS-CoV-2 Vaccination in a Healthy Jordanian Cohort (M): Abdelghani Tbakhi (P): Alia Iqnibi</p>
10:50 - 10:55	<p>P-38 Knowledge, Attitudes, Concern, Behaviors, and Barriers Associated with the Readiness to Receive Seasonal Influenza Vaccine among Health Care Workers in Oncology Setting during COVID-19 Pandemic (M): Sawsan Mubarak (P): Hadeel Al Ghawrie</p>

10:55 - 11:00	P-39 Intentions, PPrents of patients to Vaccinate their Children against COVID in KHCC (M): Sawsan Mubarak (P): Hadeel Al Ghawrie
11:00 - 11:05	P-40 Impact of the COVID-19 Pandemic on Breast Cancer Patient Care: A Retrospective Study in a Tertiary Care Center in Lebanon (M): Eman Sbaity (P): Eman Sbaity

SATURDAY, NOVEMBER 12, 2022 / COFFEE BREAK 2

Time	Topic
Breast	
Screen 1	
15:40 - 15:45	<p>P-41 Histopathological Features of HER2 Expressing Lobular Carcinoma of the Breast (M): Maher Sughayer (P): Majd Khader</p>
15:45 - 15:50	<p>P-42 Breast Cancer Epidemiology, Molecular, and Histological Characteristics throughout the MENA Region: A Scoping Review (M): Maysa Al-Hussaini (P): Abdallah Al-Ani</p>
15:50 - 15:55	<p>P-43 Factors Influencing the Choice of Ipsilateral Mastectomy with or without Contralateral mastectomy in Early-Stage Breast Cancer (M): Hazem Assi (P): Reine Abou Zeidane</p>
15:55 - 16:00	<p>P-44 Performance and Oncologic Safety of Sentinel Lymph Node Biopsy After Neoadjuvant Chemotherapy: Results from a Tertiary Care Center in Lebanon (M): Eman Sbaity (P): Eman Sbaity</p>
Breast	
Screen 2	
15:40 - 15:45	<p>P-45 Clinical Predictors of Dosimetric Precedence for Deep Inspiration Breath Hold Radiation Therapy for Breast Cancer (M): Fawzi Abu-Hijle (P): Fawzi Abu-Hijle</p>

15:45 - 15:50	<p>P-46 Positive Susceptibility Pathogenic Mutations in Breast Cancer: Conversations Across Generations and Patients' Practices (M): Hikmat Abdel-Razeq (P): Rawan Mustafa</p>
15:50 - 15:55	<p>P-47 ZOledronate and PRAvastatin (ZOPRA) in the Treatment of Breast Cancer: Assessing the Effect on Radiosensitivity in Vitro (M): Larry Bodgi (P): Larry Bodgi</p>
Laboratory	
Screen 3	
15:40 - 15:45	<p>P-48 Hepatitis B Surface Antigen (HBsAg) Distribution among Different Geographical Areas in Jordan (M): Maher Sughayer (P): Suha Rabie</p>
15:45 - 15:50	<p>P-49 Delta Check Practices and Outcomes - 6 months Experience (M): Maher Sughayer (P): Abeer Al-Nuirat"</p>
15:50 - 15:55	<p>P-50 Baseline Procalcitonin Level is Higher than Normal among Cancer Patients (M): Maher Sughayer (P): Abeer Al-Nuirat</p>

15:55 - 16:00	<p>P-51 Analysis of Acute Transfusion Reaction Occurrences at King Hussein Cancer Center (M): Maher Sughayer (P): Ata Ataallah"</p>
Laboratory	
Screen 4	
15:40 - 15:45	<p>P-52 Accidentally Abnormal Hemoglobin's present during HbA1c Analysis in King Hussein Cancer Center Lab (M): Maher Sughayer (P): Baraah Altarayra</p>
15:45 - 15:50	<p>P-53 Transitioning from Manual to Automated Blood Transfusion Testing at King Hussein Cancer Center: Challenges and Outcomes (M): Maher Sughayer (P): Tasnim Abu Shunar</p>
15:50 - 15:55	<p>P-54 ABO Grouping, Rh Phenotyping and Infectious Diseases Distribution among Jordanian Blood Donor (M): Maher Sughayer (P): Esraa AlKhateeb</p>
15:55 - 16:00	<p>P-55 Preanalytical Errors: An Important Contributor to the Quality of Laboratory Results (M): Maher Sughayer (P): Tamara Dabbagh</p>

Pharmacy

Screen 5

15:40 - 15:45	<p>P-56 Description and Outcomes of a Hospital-Based Pharmacovigilance System: The Case of King Hussein Cancer Center (M): Razan Sawalha (P): Razan Sawalha</p>
15:45 - 15:50	<p>P-57 Barriers to Use of Opioids in Pain Management in the Arab World (M): Sewar Salmany (P): Sewar Salmany</p>
15:50 - 15:55	<p>P-58 Evaluation of Human Albumin Pattern of Use in Adults in an Oncology Center in Jordan (M): Asma Kharabsheh (P): Asma Kharabsheh</p>
15:55 - 16:00	<p>P-59 Evaluating Mortality Rates in Cancer Patients Treated in the Intensive Care Units with Sepsis: A Systematic Review and Meta-analysis (M): Lama Nazer (P): Lama Nazer</p>

Quality of Life

Screen 6

15:40 - 15:45	<p>P-60 Feasibility and Challenges of Virtual Time Trade-off Interviews: The Case of the EQ-5D-3L Valuation Study in Jordan (M): Abeer Al-Rabaiah (P): Abeer Al-Rabaiah"</p>
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15:45 - 15:50	<p>P-61 Quality of Life of Family Caregivers of Critically Ill Patients with Cancer Before and After Intensive Care Unit Admission Measured by EQ-5D 3-Level: updated analysis (M): Abeer Al-Rabaiah (P): Abeer Al-Rabaiah</p>
15:50 - 15:55	<p>P-62 Evaluation of the EQ-5D-3L in Jordan (M): Abeer Al-Rabaiah (P): Abeer Al-Rabaiah</p>
15:55 - 16:00	<p>P-63 Quality of Life of Critically Ill Adult Cancer Patients before and after ICU Admission (M): Abeer Al-Rabaiah (P): Sewar Salmany</p>
Quality of Life	
Screen 7	
15:40 - 15:45	<p>P-64 Development of a Module to Supplement the EORTC Core Instrument for Assessment of Health Related Quality of Life (HRQoL) in Adolescents and Young Adults (AYAs) (M): Amal Al-Omari (P): Haneen Abaza</p>
15:45 - 15:50	<p>P-65 Validation of the EORTC QLQ-C30 in Young People Aged 12-17 Years with Cancer (M): Amal Al-Omari (P): Khawlah Ammar</p>

15:50 - 15:55	<p>P-66 Development of a Module to Assess Patients' Financial Burden Related to Cancer Treatment "Financial Toxicity" - Phase Ia (M): Amal Al-Omari (P): Haneen Abaza</p>
Lung	
Screen 8	
15:40 - 15:45	<p>P-67 Major Lung Resection for Carcinoid Tumor; Does It Affect Quality of Life? (M): Riad Abdel Jalil (P): Ahmad Abushanab</p>
15:45 - 15:50	<p>P-68 Mutated SMARCA4 with or without EGFR+ and/or KRAS+ Lung Adenocarcinoma Patients is Associated with a Worsened Prognosis and Overall Survival (M): Abdelghani Tbakhi (P): Aya Alsmadi</p>
15:50 - 15:55	<p>P-69 Neutrophil to Lymphocyte Ratio (NLR) as a Predictor of Prognosis in Non-Small Cell Lung Cancer (M): Kamal Al-Rabi (P): Anas Zayed</p>
15:55 - 16:00	<p>P-70 KRAS MUTATIONS and Expression of PD-L1 in Jordanian Non Small Cell Lung Cancer Patients (M): Maher Sughayer (P): Majdi Al-Halaseh</p>

General

Screen 9

15:40 - 15:45	<p>P-71 Burden of Detrimental Lifestyle Factors and their Correlation with One another and with Sociodemographics in Jordanians (M): Noor Obeidat (P): Sara Al Saket</p>
15:45 - 15:50	<p>P-72 Hydroxychloroquine for the Treatment of Advanced KRAS Positive Lung Adenocarcinoma: Exploring the Autophagy-Dependent Anticancer Effect and the Implicated Pathways (M): Yasmin Dodin (P): Yasmin Dodin</p>
15:50 - 15:55	<p>P-73 Needle Stick and Sharp Injuries among Healthcare Workers in Oncology Setting: A Retrospective Seven-year study (M): Sawsan Mubarak (P): Sawsan Mubarak</p>
15:55 - 16:00	<p>P-74 Therapeutic Anticancer and Hypocholesterolemic Potentials of Moringa Oleifera Aqueous Leaf Extract (M): Julnar Usta (P): Hala Sardouk</p>

General

Screen 10

15:40 - 15:45	<p>P-75 Evaluating the Effectiveness of Recombinant Factor VIIa in the Treatment of Acute Bleeding in Patients with Cancer (M): Manar Dirani (P): Manar Dirani</p>
15:45 - 15:50	<p>P-76 Impact of Structured Pharmacist Medication Counseling Training on Patient Perception at King Hussein Cancer Center (M): Rula Najjar (P): Farah Al-Sheyyab</p>
15:50 - 15:55	<p>P-77 Long-term Outcomes in Critically Ill Cancer Patients Admitted with Septic Shock: A 12-year Retrospective Study (M): Wedad Awad (P): Wedad Awad</p>
15:55 - 16:00	<p>P-78 Utilization of Intravenous Potassium Chloride in Hospitalized Patients with Cancer (M): Shorouq Telfah (P): Shorouq Telfah</p>

SUNDAY, NOVEMBER 13, 2022/ COFFEE BREAK 1

Time	Topic
Neurology	
Screen 1	
10:45 - 10:50	<p>P-79 The Role of Neutrophils to Lymphocyte Ratio in Predicting Survival Outcome in Glioblastoma (M): Maysa Al-Hussaini (P): Amer Abu Shanab</p>
10:50 - 10:55	<p>P-80 CNS Tumors in the MENA Region in 2020 based on GLOBOAN: A Comparative Study (M): Maysa Al-Hussaini (P): Sara Sharie</p>
10:55 - 11:00	<p>P-81 MGMT Promoter Methylation and IDH1 Mutation Testing to Prognosticate Glioblastoma Multiforme and Determine Alkylating Agent Treatment Eligibility: KHCC Experience (M): Walid Nasser (P): Walid Nasser</p>
11:00 - 11:05	<p>P-82 One Hour...One Zoom Lecture... and more Knowledge; HeadSmart Jordan as an Example (M): Nisreen Amayiri (P): Nisreen Amayiri</p>
Ocular	
Screen 2	
10:45 - 10:50	<p>P-83 Mutational Analysis of the RB1 Gene in Patients with Unilateral Non-Familial Retinoblastoma (M): Yacoub Yousef (P): Reem AlJabari</p>

10:50 - 10:55	<p>P-84 The Impact of the Status of the Other Eye on the Management Outcome for Retinoblastoma (M): Mona Mohammad (P): Omar Al-Habahbeh</p>
10:55 - 11:00	<p>P-85 Incidence and Survival of Retinoblastoma in Jordan: An Epidemiological Study (2011-2020) (M): Mustafa Mehyar (P): Danah Kanj Ahmad</p>
11:00 - 11:05	<p>P-86 Visual Outcome for Children with Optic Pathway Gliomas Treated with Systemic Chemotherapy (M): Mona Mohammad (P): Dima Abu Laban</p>
Palliative	
Screen 3	
10:45 - 10:50	<p>P-87 Validation of the Arabic Version of the Edmonton Symptom Assessment System (M): Omar Shamieh (P): Fadi Abu Farsakh</p>

10:50 - 10:55	<p>P-88 Care Needs and Symptoms burden of Patients with Breast Cancer in Jordan: A Cross Sectional Study (M): Omar Shamieh (P): Mohammad Alnemer</p>
10:55 - 11:00	<p>P-89 The Development of Palliative Care Services in a Tertiary Cancer Center. A 9 years' Retrospective Study in Jordan (M): Omar Shamieh (P): Omar Shamieh</p>
11:00 - 11:05	<p>P-90 Decision-Making Preferences in a Palliative Setting in Jordan (M): Omar Shamieh (P): Waleed Alrjoob</p>
Palliative	
Screen 4	
10:45 - 10:50	<p>P-91 Trends of Using Immunotherapy near the End of Life in Limited Resources Setting (M): Kamal Al-Rabi (P): Abeer Yasin</p>

	<p>P-92 The Use of Senomorphics for the Mitigation of Chemotherapy-Induced Peripheral Neuropathy (M): Tareq Saleh (P): Tareq Saleh</p>
	<p>P-93 Ketamine Infusion for Controlling Severe Neuropathic or Mixed Pain in Children with Cancer (M): Anwar Al-Nassan (P): Anwar Al-Nassan</p>
	<p>P-94 Communication and Information Sharing with Pediatric Patients with Advanced Cancer, Caregivers, and Health Care Providers: A Secondary Analysis of Face-to-face Semi-structured Interviews in Jordan (M): Ghadeer Arja (P): Ghadeer Arja</p>
Soft Tissue	
Screen 5	
	<p>P-95 Soft Discordance of Histopathological Diagnosis of Patients with Sarcoma Referred to a Tertiary Cancer Center: Assessment in the Era of Ancillary Molecular Diagnosis (M): Ramiz Abu-Hijlih (P): Lina Wahbeh</p>

10:50 - 10:55	<p>P-96 Joint Sparing Limb Salvage Surgery, The Future is Now! (M): Ahmad Shehadeh (P): Ahmad Shehadeh</p>
10:55 - 11:00	<p>P-97 The O6-methylguanine–DNA Methyltransferase (MGMT) Promoter Methylation Status and Clinical Outcomes of Ewing Sarcoma Patients Treated with Irinotecan and Temozolomide (M): Samer Salah (P): Ramiz Abu-Hijlih</p>
11:00 - 11:05	<p>P-98 Epidemiology, Management, and Outcome of Retroperitoneal Sarcoma at the American University of Beirut Medical Center in Lebanon (M): Eman Sbaity (P): Eman Sbaity</p>
Hematology	
Screen 6	
10:45 - 10:50	<p>P-99 ML in Jordan: Analysis according to ELN 2017 Cytogenetic Classification (M): Khalid Halahleh (P): Khalid Halahleh</p>

10:50 - 10:55	<p>P-100 Efficacy and Safety of Generic Imatinib Cemivil® among Chronic Myeloid Patients Treated in a Comprehensive Cancer Center in Jordan (M): Saad Jaddoua (P): Abdallah Amireh</p>
10:55 - 11:00	<p>P-101 CML in Adolescents and Young Adult, Clinical Characteristics and Outcome, A Single Institution Experience (M): Kamal Al-Rabi (P): Waleed Da'ana</p>
11:00 - 11:05	<p>P-102 Evaluation of FLT3 ITDs Detection by NGS Data and In Silico Tools Using PCR-Based Benchmark Datasets (M): Abdelghani Tbakhi (P): Walid Nasser</p>
Hematology	
Screen 7	
10:45 - 10:50	<p>P-103 Incidence, Severity and Outcomes of Infusion-Related Reactions to Rituximab in Patients with Non-Hodgkin's Lymphoma: A Retrospective Study at a Comprehensive Cancer Center in Jordan (M): Noor Fakir (P): Noor Fakir</p>

10:50 - 10:55	<p>P-104 Interim FDG-PET/CT for Therapy Monitoring and Prognostication in Hodgkin's Lymphoma (M): Akram Al-Ibraheem (P): Shahid Obeidat</p>
10:55 - 11:00	<p>P-105 A Costing Study of Pembrolizumab in Relapsed and Refractory Hodgkin Lymphoma as Bridging to Hematopoietic Stem Cell Transplant in Jordan (M): Rawan Al Froukh (P): Rawan Al Froukh</p>
11:00 - 11:05	<p>P-106 Patterns of Presentation and Relapse of Gastric Diffuse Large B Cell Lymphoma: A single Center Experience (M): Mohammad Makoseh (P): Reem Elmusa</p>
Hematology	
Screen 8	
10:45 - 10:50	<p>P-107 COMPASS-CAT versus Khorana Risk Assessment Model (RAM) for Predicting Venous Thromboembolic Events in Non-Small Cell Lung Cancer Patients on Active Treatment with Chemotherapy and/or Immunotherapy (M): Hikmat Abdel-Razeq (P): Dima Abu Laban</p>

10:50 - 10:55	<p>P-108 Survival Outcomes Following Inferior Vena Cava Filter Placement in Cancer Patients; a Comprehensive Cancer Center Experience (M): Hikmat Abdel-Razeq (P): Jafar Bani Issa</p>
10:55 - 11:00	<p>P-109 Outcome of Patients with Multiple Myeloma Younger than 50 at KHCC (M): Rozan Al Far (P): Suhaib Khater</p>
11:00 - 11:05	<p>P-110 Programmed Death-Ligand 1 Expression in Diffuse Large B-Cell Lymphoma is Associated with Poor Prognosis Maher Sughayer (P): Esraa AlKhateeb</p>
General	
Screen 9	
10:45 - 10:50	<p>P-111 Multiplanar Tibia Deformities and Growth Disturbance following Expandable Distal Femur Replacement in Growing Children (M): Ahmad Shehadeh (P): Ahmad Shehadeh</p>

10:50 - 10:55	<p>P-112 Definition of Bulky Disease in Early Stage Diffuse Large B cell Lymphoma in Computed Tomography Longitudinal and Axial Planes (M): Mohamed Ma'koseh (P): Alaa Abufara</p>
10:55 - 11:00	<p>P-113 High Primary Induction Failure with RCHOP-21 in Primary Mediastinal B-cell Lymphoma: Retrospective Single Center Experience (M): Khalid Halahleh (P): Khalid Halahleh</p>
11:00 - 11:05	<p>P-114 Cost-Utility Analysis of Maintenance Pemetrexed plus Best Supportive Care in Treating Metastatic Non-Small Cell Lung Cancer patients from a Payer Perspective in Jordan (M): Abeer Al-Rabaiah (P): Rawad Alferoukh</p>
Pediatrics	
Screen 10	
10:45 - 10:50	<p>P-115 Asparaginase Associated Pancreatitis in Children with Acute Lymphoblastic Leukemia, King Hussein Cancer Center Experience (M): Maha Barbar (P): Hala Abu Faris</p>

10:50 - 10:55	<p>P-116 Insights from the Implementation of the Pediatric Oncology Facility Integrated Local Evaluation (PrOFILe): Beta Testing Experience in King Hussein Cancer Center (M): Rawad Rihani (P): Sakher Obeidat</p>
10:55 - 11:00	<p>P-117 Presentations of Childhood Cancer in Jordan and Predictors for Referral Delays Iyad Sultan</p>
11:00 - 11:05	<p>P-118 HeadSmart Jordan: Can We Make a Difference by Raising Awareness? (M): Nisreen Amayiri (P): Nisreen Amayiri</p>

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