



HAEMCON2020 LAHORE

Innovation in Haematology – Next Phase of Integrated Patient Care

22nd Annual PSH Meeting & International Haematology Congress

February 13th-16th, 2020, Avari Hotel, Lahore-Pakistan

THE CHILDREN'S HOSPITAL & INSTITUTE OF CHILD HEALTH, LAHORE



Day 1: Thursday, 13th February, 2020

SESSION I: Inaugural Session

Session Coordinators: Dr. Saima Farhan, Dr. Shazia Yaseen, Dr. Jaweria Fatima & Dr. Sarah Rafi

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|---------|---|--|
| 07:30am | Registration & Seating of Guests | |
| 08:30am | Recitation of Holy Quran | |
| 08:35am | National Anthem | |
| 08:40am | Dua & Tributes | Gen. (R) Muhammad Saleem (Late) |
| 08:50am | Welcome Address Chair Person Haemcon2020 | Dr. Saima Farhan Associate Professor of Paediatric Haematology The Children's Hospital & Institute of Child Health, Lahore. |
| 08:55am | Address by President PSH | Maj. Gen. Pervaiz Ahmed Rawalpindi. |
| 09:00am | Guest of Honor | Prof. Abdul Hayee Prof. Yasmin Lodhi Prof. Khalid Masood Gondal Prof. Masood Sadiq |
| 09:05am | Chief Guest | Prof. Dr. Yasmin Rashid Minister: Primary & Secondary Health, Specialized Healthcare & Medical Education, Govt of Punjab |
| 09:10am | State of Art Lecture | Prof. Dr. Ghulam j Mufti King's College Hospital, London-UK Overview of Bone Marrow Failure |
| 09:40am | Ibn-e-Sina Lecture | Prof. Muhammad Khurshid Agha Khan University Hospital, Karachi-Pakistan Haemovigilance in Transfusion |
| 10:10am | Vote of Thanks Shield Distribution | Dr. Shazia Yaseen Secretary Organizing Committee |
| 10:15am | | Opening of Electro Medical Exhibition |
| 10:20am | | Tea Break |



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Day 1: Thursday, 13th February, 2020

SESSION II: 10:40am - 02:00pm

Coagulation Medicine & Platelet Disorders

Chairperson/ Panelist:

Brig. Ch. Altaf Hussain S.I (M) (Retd)

Prof. Shahida Mohsin

Prof. Mobina Dodhi

Prof. Samina Amanat

Moderator:

Dr. Rabia Ahmed

Session Coordinators: Dr. Naghmana Mazhar & Dr. Faiza Zulfiqar

- 10:40am – 11:05am **Prof. Catherine P Hayward** New Insights on Platelet Function Disorders
- 11:05am – 11:30pm **Dr. Roseline d'Oiron** Bleeding disorders in women.
- 11:30am – 11:55am **Prof. S. Yasir Altaf** Inherited Thrombophilia Testing - To Do or Not To Do That Is the Question
- 11:55am – 12:20pm **Prof. Muhlis Cem Ar** Updates on Haemophilia Management
- 12:20pm – 12:45pm **Prof. Andrew Paterson** Genetic Studies of Platelet Disorders

FREE PAPERS 12:45PM – 01:20PM

- 12:45pm – 12:52pm **Munira Borhany** Congenital FXIII deficiency in Pakistan- Challenges and Chances
- 12:52pm – 12:59pm **Sidra Barlas** Diagnostic Accuracy of different methods in detecting Factor V Leiden mutation in tertiary care hospital
- 12:59pm – 01:06pm **Samina Naz Mukry** Clinical association of increased antioxidant enzymes levels in Immune Thrombocytopenia Purpura
- 01:06pm – 01:13pm **Saira Gul** Flowcytometric Analysis of $\alpha\text{IIb}\beta\text{3}$ Integrin Protein and its activating mutations in Exon 10 and 11 of ITGB3 Gene in Glanzmann's Thrombasthenia patients
- 01:13pm – 01:20pm **Maria Ijaz** Pre-operative thrombophilia screening in apparently healthy liver transplant donors: first ever Pakistani indigenous frequency
- 01:20pm – 02:00pm **Prayer/ Lunch**



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SESSION III: 02:00pm - 04:15pm

RED CELL DISORDERS & HAEMOGLOBINOPATHIES

Chairperson/ Panelist:

Prof. Nouman A. Malik
Brig. (R) Nadir Ali
Prof. Nadeem Samad Sheikh
Prof. Lubna Zafar

Moderator:

Dr. Ayesha Khalid

Session Coordinators: Dr. Tooba Fateen & Dr. Iram Manzoor

- 02:00pm – 02:25pm **Maj. Gen. Saleem Ahmed Khan** Anaemia of Inflammation/ Chronic Disease
- 02:25pm – 02:50pm **Maj. Gen. (R) Muhammad Ayub** Hypoxia-Inducible Factor 1 Hydroxylase Inhibitors – A Potential New Treatment for Anaemia in Patients with chronic kidney Disease (CKD)
- 02:50pm – 03:15pm **Maj. Gen. (R) Suhaib Ahmed** Non-Transfusion Dependent Thalassemia In Pakistan
- 03:15pm – 03:40pm **Dr. Ghulam Nabi Kakipoto** Advancement in Haemolytic Anaemia – Diagnosis & Management

FREE PAPERS 03:40PM – 04:15PM

- 03:40pm – 03:47pm **Kinza Ayaz** Frequency determination of c.1115_1118delTTGG and c.3788_3790delTCT FANCA gene mutation in local Fanconi's anemia population
- 03:47pm – 03:54pm **Uzma Rahim** Glucose-6- Phosphate Dehydrogenase (G6PD) Deficiency in general Population of District Dir presenting with Jaundice
- 03:54pm – 04:01pm **Fatima Ashraf** A Quantitative Approach to differentiate hemolysis from dilutional changes in patients with Malaria
- 04:01pm – 04:08pm **M. Zohaib** Differential Pharmaco-Proteomic Analysis of Plasma from β Thalassemia in Response to Hydroxyurea Treatment
- 04:08pm – 04:15pm **Shabnum Bashir** HbD Punjab in Punjab province of Pakistan and its implication for prenatal diagnosis- Experience at Punjab Thalassemia Prevention Program (PTPP)



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SESSION IV: 04:15pm - 05:50pm

TRANSFUSION MEDICINE

Chairperson/ Panelist:

Prof. Khalid Hassan

Prof. Fazal-e-Raziq

Prof. Hasan Abbas Zaheer

Prof. Muhammad Hanif Mengal

Moderator:

Dr. Asif Naveed

Session Coordinators: Dr. Ayesha Khanum & Dr. Fatima Munir

- 04:15pm – 04:40pm **Brig. (R) Nuzhat Mushahid** Precautionary Principles in Transfusion Medicine and its applications
- 04:40pm – 05:05pm **Prof. Saba Jamal** Challenges & Solutions for HR Capacity Building Across Pakistan in Transfusion Medicine
- 05:05pm – 05:30pm **Brig. Muhammad A. Naeem** "Noninvasive Determination of Fetal RhD Status in Maternal Blood or RhD Negative Pregnant Women
- 05:30pm – 05:50pm **Mr. Xavier Dubois** How does Apheresis Play within certain cancer treatment scheme?



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Day 2: Friday, 14th February, 2020

SESSION V: 08:00am - 09:00am

YOUNG RESEARCHER SESSION

Judges:

Prof. Ghulam J. Mufti, UK

Prof. Catherine P. Hayward, Canada

Prof. Hanan Hamid, Egypt

Session Coordinators: Dr. Fauzia Shafi Khan & Dr. Sundus Arshad

- 08:05am – 08:12am **Kiran Aamir** Additional Cytogenetic Abnormalities in Chronic Myeloid Leukemia, A Single Center Experience
- 08:12am – 08:19am **Raheel Iftikhar** Moving Towards risk adapted conditioning in Aplastic Anemia; Comparison of Cyclophosphamide versus Fludarabine based conditioning in high risk patients
- 08:19am – 08:26am **Noor-e-Saba** A Comparison of Immunochromatography, Enzyme linked Immunosorbent Assay, Chemiluminiscence and Polymerase Chain Reaction for screening in detection of Hepatitis B and C among Blood Donors
- 08:26am – 08:33am **Sindhu Rehman** Comparison of Immature platelet fraction in patients with Central thrombocytopenia and Peripheral thrombocytopenia
- 08:33am – 08:40am **Rabail Jokhio** Identification of Plasma Micro RNA's (mir-150-5p) and (mir-146-5p), Novel Biomarkers in patients of Aplastic Anemia at Hyderabad, Sindh
- 08:40am – 08:47am **Shabnam Dildar** Procalcitonin (ProCT) as marker of sepsis in Hematological Disorders
- 08:47am – 08:54am **Neelum Mansoor** An Outcome Analysis of the Core Binding factor Childhood Acute Myeloid Leukemia- The Rationalized Approach in Resource limited settings



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SESSION VI: 09:00am - 11:40am

MDS & MPN

Chairperson/ Panelist: Prof. S. Muhammad Irfan

Prof. Atifa Shoaib

Prof. Ayesha Junaid

Prof. Fazal Raheem

Moderator: Dr. Nadia Sajid

Session Coordinators: Dr. Nazish Saqlain & Dr. Shiza Ashraf

- 09:00am – 09:25am **Prof. Ghulam J. Mufti** Myelodysplastic Syndrome
- 09:25am – 09:50am **Dr. Khurram B. Tariq** Updates on Essential Thrombocythemia
- 09:50am – 10:15am **Prof. Waseem Iqbal** JAK 2 mutation positive case of primary Polycythemia
- 10:15am – 10:40am **Dr. Waseem Nagi** MPN - Translating research into clinical practice
- 10:40am – 11:05am **Brig. Asad Mehmood Abbasi** MPN: an update on the diagnosis of MPNs

FREE PAPERS 11:05AM – 11:40AM

- 11:05am – 11:12am **Helen Mary Robert** Genomic landscape of non-driver mutations in myeloproliferative neoplasms: The Stanford experience
- 11:12am – 11:19am **Noorulain** Detection of Complex Variant t(9;22) Chromosome Translocations in newly diagnosed cases of Chronic Myeloid Leukemia
- 11:19am – 11:26am **Samra Waheed** Sokal Risk Score is a Useful Predictor of Response to Nilotinib Therapy
- 11:26am – 11:33am **M. Adil Ayub** Correlation between Janus Kinase 2(JAK 2- V617F) positivity, LAP score and Bone Marrow Fibrosis in cases of Thrombocytosis
- 11:33am – 11:40am **Alina Jawad** To determine Aberrant Expression of Myeloid Antigens in Patients of Acute Lymphoblastic Leukemia

SESSION VII: 11:40am - 02:25pm

ACUTE LEUKEMIA

Chairperson/ Panelist: Prof. Khalid Zafar Hashmi

Prof. Samina Naeem

Prof. Abubakar Shahid

Dr. Zahida Qasim

Moderator: Dr. Muneeza Juanid

Session Coordinators: Dr. Sidra Hareem & Maria Zaman

- 11:40am – 12:05pm **Dr. Naeem Arshad Chaudhry** AML: Risk based approach to management of AML
- 12:05pm – 12:30pm **Prof. Muzafar H. Qazilbash** Progress in Haploidentical Transplantation for Acute leukemia
- 12:30pm – 12:55pm **Dr. Shahrukh Hashmi** Indication for stem cell transplantation in ALL & AML
- 12:55pm – 02:00pm **Lunch/ Jumma Prayer**
- 02:00pm – 02:25pm **Dr. Natasha Ali** AML – After 4 decades, 2 drugs; what is in vogue today?



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PARALLEL SESSION VII-B: 11:30am - 01:00pm

Haem-Oncology Nursing Session (Board Hall-I)

Chairperson/ Panelist: Ms. Rehana Elahi

Chief Guest: Ms. Kauser Parveen (DG Nursing Punjab)

Guest of Honor: Ms. Munazza Cheema (NS. CH&ICH, Lahore)

Moderator: Dr. Usman Ahmed & Dr. Sundus Arshad

Session Coordinators: Col. Shaheen Butt & Maj. Najia Gul

- 11:30am – 11:45am **Col. Shaheen Butt** Nursing Care in immunocompromised patients
- 11:45am – 12:00pm **Ms. Rabia M. Ali** Challenges in Hematology/ Oncology Nursing
- 12:00pm – 12:15pm **Maj. Najia Gul** Nursing care in Oncological Emergencies
- 12:15pm – 12:30pm **Mr. Kashif Shahzad** Nursing issues in Oncology
- 12:30pm – 12:45pm **Capt. Rabia Shahid** Febrile Neutropenia in Oncology Patients
- 12:45pm – 01:00pm **Ms. Kanwal Shahzadi** Nursing care of Paediatric Patients undergoing chemotherapy
- 01:00pm – 02:00pm **Lunch/ Jumma Prayer**

SESSION VIII: 02:25pm - 04:40pm

LYMPHOMA & PLASMA CELL DYSCRASIAS

JOINT SESSION OF PSH & SOCIETY OF MEDICAL ONCOLOGY PAKISTAN (SMOP)

Chairperson/ Panelist: Dr. Neelam Siddiqui

Prof. Shahtaj Masood

Prof. Ayesha Ehsan

Prof. Ikram-ud-Din Ujjan

Dr. Asad Hayat

Moderator: Dr. Asma Salimi

Session Coordinators: Dr. Aatika Ahmed, Dr. Aiza Asghar & Dr. Salma Ahmed

- 02:25pm – 02:50pm **Dr. Tariq Shafi** Heart Failure due to? A case series
- 02:50pm – 03:15pm **Prof. Shahid Pervez** Updates on Lymphoma
- 03:15pm – 03:40pm **Dr. Muhammad Faisal Khanani** Update on HLH
- 03:40pm – 04:05pm **Dr. Ayyaz Mir** Updates on Relapse & Refractory Multiple Myeloma

FREE PAPERS 04:05PM – 04:40PM

- 04:05pm – 04:12pm **Syed Asif Ali Shah** Response to Salvage Chemotherapy in Relapsed/ Refractory Acute Myeloid Leukemia
- 04:12pm – 04:19pm **Rafia Mehmood** Clinico- Haematological association and prognostic relevance of NPM1 and FLT3-ITD mutations in Acute Myeloid Leukemia
- 04:19pm – 04:26pm **Saima Zahir** Frequency of t(4;14) in Multiple Myeloma and its clinicopathological correlation



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- 04:26pm – 04:33pm **Hajrah Syndeed Pal** Overview of Aberrant Expression of CD markers on Flowcytometric Analysis in Suspected Patients of Leukemias and Lymphomas in Pakistani Population
- 04:33pm – 04:40pm **Saima Humayun Toor** Comparison of Bortezomib Based Triplet Regimens for Remission Induction in Multiple Myeloma: As Single Centre Study from Pakistan

07:00PM TO 09:00PM

GALA DINNER



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Day 3: Saturday, 15th February, 2020

SESSION IX: 08:00am - 09:00am

Session Coordinators: Dr. Nazish Saqlain & Dr. Sarah Sherazi

YOUNG RESEARCHER SESSION

- 08:05am – 08:12am **Neelum Mansoor** The outcome of Childhood B Lymphoblastic Leukemia: Comparative Analysis with reference to Post- Induction Minimal Residual Disease
- 08:12am – 08:19am **Shawana Kamran** High Risk Cytogenetic abnormalities in Acute Myeloid Leukemia- Single Center experience
- 08:19am – 08:26am **Ayesha Majeed Memon** Mirror Mirror on the wall, what are the common mutations of them all? Common Mutations encountered in Thalassemic patients, a single center experience
- 08:26am – 08:33am **Maryam Khan** Outcome of Allogenic Haematopoietic Stem Cell Transplantation in Rare Hematological disorders
- 08:33am – 08:40am **Rana Zeeshan Haider** Pre- Microscopic diagnosis of Acute Promyelocytic Leukemia (APML) using artificial neural network
- 08:40am – 08:47am **Abdul Rehman Khalil** Archiving of Somatic Novel Mutations using Whole - Exome Sequencing in Pakistani Myeloid Leukemia Patients
- 08:47am – 08:54am **Sadia Shahmeer** Demographic Pattern of 1311C/T Polymorphism associated with 563 C/T of G6PD gene among Sindh, Pakistan

SESSION X: 09:00am - 11:35am

HAEMATOPOITIC STEM CELL TRANSPLANT

Chairperson/ Panelist: Maj. Gen. (R) Parvez Ahmad

Prof. Salman Naseem Adil

Prof. Muhmmad Luqman Butt

Dr. Muhammad Usman Shaikh

Moderator:

Lt. Col. Mehreen Ali Khan

Session Coordinators: Dr. Rumana Imtiaz & Dr. Madiha Sammar

- 09:00am – 09:25am **Prof. Muzaffar H. Qazilbash** Progress in Heploidentical Transplantation for Haematological Malignancies
- 09:25am – 09:50am **Dr. Farrukh R. Shaikh** Primary Immune Deficiency and Pre Transplant Management
- 09:50am – 10:15am **Prof. Tahir Sultan Shamsi** 25 year old Bone Marrow Transplantation in Pakistan 1995 – 2020
- 10:15am – 10:40am **Maj. Gen. (R) Tariq Mehmood Satti** Complications of Bone Marrow Transplantation
- 10:40am – 11:05am **Brig. Qamar-un-Nisa Ch.** Experience at AFBMTC/ NIBMTC
- 11:05am – 11:35am **PSH General Body Meeting**



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SESSION XI: 11:35am - 04:00pm

PAEDIATRIC HAEMATOLOGY/ ONCOLOGY

Chairperson/ Panelist: Prof. Fazal-e-Raziq

Prof. Mona Aziz

Col. Tariq Ghafoor

Dr. Muhammad Khalid

Moderator:

Dr. Hayatullah Dotani

Session Coordinators: Dr. Anum Waseem & Dr. Abdus Sami

- 11:35am – 12:00pm **Dr. Hanan Hamed** Thrombotic Thrombocytopenic Purpura TTP
- 12:00pm – 12:25pm **Prof. Nisar Ahmed** Childhood Autoimmune Haemolytic Anaemia
- 12:25pm – 12: 50pm **Prof. Zehra Fedoo** "Acute Lymphoblastic Leukemia in Adolescents & Young Adults"
- 12:50pm – 01:15pm **Prof. Bushra Moiz** Risk Assessment of Pediatric Thrombosis
- 01:15pm – 02:15pm **Lunch/ Prayer**
- 02:15pm – 02:40pm **Prof. Javeria Manan** Transfusion Dependent Thalassemia
- 02:40pm – 03:05pm **Mr. Toby Huang** DNA Sequencing

FREE PAPERS 03:05PM – 03:47PM

- 03:05pm – 03:12pm **Muhammad Arshad** Frequency & Pattern of Bacterial and Fungal Infections in Neutropenic Patients Undergoing Bone Marrow Transplantation
- 03:12pm – 03:19pm **Nadeem M** A Comparison of Steady State Bone Marrow versus G-CSF Primed Bone Marrow as Source of Stem Cell in Allogenic Haematopoetic Stem Cell Transplant
- 03:19pm – 03:26pm **Faiza Rafiq** Change of Blood Transfusion Practices in Nishtar Hospital Multan
- 03:26pm – 03:33pm **Aisha Arshad** Why Excessive Transfusion when limited can Work- An Experience from Pakistan
- 03:33pm – 03:40pm **Aisha Waqas** Blood Requisition and Utilization Practice in Surgical Patients at LUMHS Hospital Hyderabad
- 03:40pm – 03:47pm **Nazish Sana** Un-necessary packed red cell transfusions leading to acute transfusion reactions in pediatric and adult patients at a tertiary care hospital
- 03:47pm – 04:00pm **Hussam Qatanani** New applications in capillary electrophoresis



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Day 4: Sunday, 16th February, 2020

Session XII: 10:00am – 05:00pm

Session Coordinators: Dr. Saima Farhan, Dr. Bushra Hafeez & Dr. Abdus Sami

- Tour to Historical Places of Lahore
- Lunch at Farm House