

Pakistan Society of Chemical Pathologists

**Final Scientific Programme**

**PAP Conference Lahore 6th to 8th November 2015**

**Thursday 5th November 2015**

**Pre-conference Workshops (PSCP)**

**Morning Workshop**

**Time : 9.00 am – 1.00 pm**

**Title: Research Design for Diagnostic Studies**

**Facilitator: Prof (Brig) Aamir Ijaz (AFIP Rawalpindi)**

**Brig Muhammad Rafi Butt (CMH Lahore)**

**Venue: Allied Health Sciences Department, UHS Lahore**

**Afternoon Workshop**

**Time : 2.00 pm to 5.00 pm**

**Title: Interpretation of Arterial Blood Gasses Results**

**Facilitators: Prof Abdus Sattar (CMH Lahore Medical & Dental College )**

**Prof (Brig) Aamir Ijaz (AFIP Rawalpindi)**

**Venue: Allied Health Sciences Department, UHS Lahore**

**Scientific session 1: Friday, 6th November 2015**

**Time: 2:30- 4:30**

**Time: 2:00 - 4:00**

**Chair:** Maj.Gen (Rtd) Farooq A.Khan

**Moderator:** Dr. Nusrat Alavi

**Venue:** Kashmir Hall

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|  | **TOPIC** | **SPEAKER** |
| 1 | IT Based Educational Programs of PSCP | Prof.(Brig) Aamir Ijaz |
| 2 | Biomarkers of Alzheimer's disease:  The present and the future | Prof. Dr. Asma Shaukat |
| 3 | Clinical Laboratory Quality Assurance Program and Lab Accreditation | Dr.Farooq Ghani |
| 4 | Disorders of Parathyroid Hormone Gland Secretion and Implications on Osteoporosis | Dr. Ayesha Habib |
| 5 | Analytical Challenges in drugs of abuse analysis | Dr. Muhammad Aamir |

**Scientific session 2: Saturday, 7th November 2015**

**Time: 9:00- 11:00**

**Time: 9:00 - 10:30 (as paper is 10 min each so it will not make any difference)**

**Chairperson:** Dr.Imran Saddiqui

**Co-Chairperson:** Dr.M.Aamir

**Moderator:** Dr.Rehma Dar

**Theme:** Diabetes Mellitus

**Venue:** Kashmir Hall

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| **Serial no** | **Free Scientific Paper Session 1 (10 min each)** | **Presenter/Institute** |
| 1 | Evaluation of Currently Recommended Decision Limits of Glycosylated Hemoglobin in a Local Population | Sumbal Nida  AFIP |
| 2 | Homa-IR Optimal Cut Off Values According to Age and Gender to Identity Subjects at Risk of Metabolic Syndrome | Saima Bashir  AFIP |
| 3 | Association of Glycosylated Hemoglobin (HbA1c) Levels and Prediabetic Blood Glucose Levels in Diabetics as Predictors of Diabetic Retinopathy | Syeda Birjees Anwar |
| 4 | Association of Leptin with Type 2 Diabetes Mellitus in Non –Obese Subjects | Ahsan Kazmi  RMC Rawalpindi |
| 5 | Association of Serum Sex Hormone Binding Globulin and Endogenous Testosterone with Type 2 Diabetes Mellitus | Mehnaz Khattak  AMC (NUST) |
| 6 | Association between subclinical hypothyroidism and diabetic retinopathy in type 2 diabetic patients | Amina Tariq  AFIP |
| 7 | Evaluation of Estimated Average Glucose in  Disease-Free Pakistani Volunteers | Rubina Shafi,  AFIP |
| 8 | Comparison of mean Serum Vitamin B12 and Homocysteine Levels in Diabetic Patients with and without Diabetic Retinopathy | Uzma Ansari  AFIP |
| 9 | Association of Thyroid Dysfunction with Type 2 Diabetes Mellitus | Parveen Akhtar  AMC (NUST) |

**Scientific session 3: Saturday, 7th November 2015**

**Time: 12:00- 1:30**

**Time:** 11:30 am - 1:30 pm **(15 minutes left even time for each paper is 15 minutes. Please suggest time for each paper too)**

**Chair:** Prof. Dr. Salma Haq

**Co-Chair:** Dr.Adnan Zubairi

**Moderator:** Dr.Warda Hussain

**Theme:** Endocrine

**Venue:** Kashmir Hall

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| **Serial no** | **Free Scientific Paper Session 2 (15 min each)** | **Presenter/institute** |
| 1 | Pattern of Diabetes Insipidus During the Last Five years at Armed Forces Institute of Pathology, Rawalpindi | Mehreen Hassan  AFIP |
| 2 | Comparison Of Raised Anti-Thyroid Peroxidase Antibody In Patients Of Hypothyroidism With Euthyroids | Sara Khan  QMC |
| 3 | Growth Hormone Deficiency and Short Stature in Patients with β- Thalassemia Major. | Azra Moin  ZUH |
| 4 | Serum Leptin levels and its association with body mass index (BMI) and waist circumference in patients presenting at AKUH | Sheharbano Imran  AKU |
| 5 | Prognostic Value of Stress Hyperglycemia for In-hospital mortality in Acute Coronary Syndrome: | Masud Ansari  QMC |
| 6 | Utility of Bone Health Panel for Screening Parathyroid Hormone Metabolism Disorders | Hafsa Majid  AKU |
| 7 | Vitamin D Deficiency: Is Vitamin D Binding Protein Polymorphisms its Determinant? | Lena Jafri  AKU |

**Scientific session 4: Saturday, 27th November 2015**

**Time:** 2:30pm- 4:15 pm

Time: 2:30-4:00pm (with 10 minutes each timing gets complete)

**Chair:** Prof. Dr. Muhammad Dilawar

**Co-Chair:** Dr. Tariq Bin Sharif

**Moderator:** Dr. Fauzia Sadiq

**Theme:** Diagnostic Studies

**Venue:** Kashmir Hall

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| **Serial no** | **Free Scientific Paper Session 3 (10 min each)** | **Presenter/Institute** |
| 1 | Diagnostic Accuracy of Automated Capillary Electrophoresis  in Patients with Hyperproteinaemia | Azooba Fatima  AFIP |
| 2 | Evaluation of Prostatic Specific Antigen In Benign and Malignant Breast Disease In Women | S.Sabahat Haider  SZMC |
| 3 | Accuracy of Non Fasting –LIPID PROFILE for the Assessment of Lipoprotein Coronary Risk | Safia Fatima  AFIP |
| 4 | Diagnostic Accuracy of Risk of Ovarian Malignancy Algorithm (ROMA) in Post -Menopausal Patients with Ovarian Mass. | Erum Salim,  ZUH |
| 5 | Diagnostic Accuracy of Adenosine Deaminase (ADA) in Tuberculous Pleural effusion | Usman Ali  ZUH |
| 6 | Diagnostic Yield of Combined Tumor Markers  (CA19.9 And CEA) for the Diagnosis of Various Gastrointestinal Disease: A Clinical Audit  , | Noreen Shahzad  AFIP |
| 7 | Impact of Genetic Variants on risk of coronary artery disease in Pakistani Population | Asma Naseer NUST |
| 8 | Diabetes Mellitus in Pregnancy: Is Oral Glucose Tolerance Test Mandatory for diagnosis? | Qurat-ul-Ain Mustafa  AFIP |
| 9 | Usefulness of Procalcitonin For Diagnosis of Sepsis in the Critically Ill Patients | Sibtain Ahmed  AKU |

**General Body Meeting PSCP** - 4.30 – 5.30 pm Saturday 7th November 2015

4:00- 4:45 is Tea and Scientific Exhibition. Please suggest if there needs to be any changes.

**Scientific session 5: Sunday, 8th November 2015**

**Time:** 9:00 am- 11:00 am

**Chair:** Prof. Dr.Rizwan Hashim

**Co-Chair:** Dr. Rafi Butt

**Moderator:** Dr. Sumbla Ghaznavi

**Venue:** Kashmir Hall

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| **Serial no** | **Free Scientific Paper Session 4 (10 mins each)** | **Presenter/Institute** |
| 1 | Serum Iron and Total Iron Binding Capacity:  Are they now Redundant Tests | Col.Naveed Asif  AFIP |
| 2 | Spectrum of XY Disorders of Sexual Development in Pakistan – AFIP experience | Zujaja Hina Haroon  AFIP |
| 3 | Two years experience of selective screening for Organic Acidurias (OA) and Amino Acidopathies (AA) in Pakistani pediatric population | Noreen Sherazi  AKU |
| 4 | Effect of Body Composition, Diet and Lifestyle Factors on Bone Mineral Content of Young Adults | Lena Jafri  AKU, |
| 5 | Heat Stroke in Karachi, Pakistan- Metabolic Derangements and Multiorgan Dysfunction | Howrah (Humaira) Ali,  LNH |
| 6 | Association Between Prostatic Specific Antigen (PSA) and Gleason Disease | Rabia Saeed  BVH |
| 7 | Prevalence of vitamin d deficiency in Transfusion dependent Beta Thalassemia Pakistani patients | Hafiz Muhammad Salman Yousaf  QMC |
| 8 | Evaluation of renal function by cystatin C in renal transplant recipients | Salma Ayub  SIUT |
| 9 | Lead Toxicity in Children: A Major Public Health Concern | Hafsa Majid  AKU |
| 10 | Neutrophil Gelatinase-Associated Lipocalin (NGAL): An Emerging Biomarker for Acute Kidney Injury | Shabnam Khawaja  AKU |
| 11 | Frequency of NAFLD in Diabetes Mellitus (Type 2) Patients and Non Diabetic Group at Shalamar Hospital Lahore | Nusrat Alavi  SHL |

**Scientific session 6: Sunday, 8th November 2015**

**Time:** 11:30 am- 1:00 pm

**Chair:** Prof.Abdul Rehman

**Co-Chair:** Prof.Dr.Sarwar Bhatti

**Moderator:** Dr. Rehma Dar

**Venue:** Kashmir Hall

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| Serial no | Title | Presenters |
| 1 | Announcement of Result of Best Papers and Poster  POST CONFERENCE AUDIT | PSCP MEMBERS |

**List of Posters**

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| **S.No** | **Title** | **Author/Institute** |
| **1** | Lipid Levels: A Link between Brittle Bones and Boned Arteries | Aisha Ayyub  YMC |
| **2** | Application of sigma metrics on routine clinical chemistry analytes for the analysis of quality control | Sahar Iqbal  DOW UHS |
| **3** | Metabolic risk factors for paediatric stone formers | Kiran Imran  SIUT |
| **4** | Clinical Efficiency and Cost Effectiveness of Post Polyethylene Treated Prolactin Levels in Hyperprolactinemic Patients | Noreen Sherazi  AKU |
| **5** | Association of Leptin with Body Fat in Young Healthy Volunteers | Lena Jafri  AKU |
| **6** | Cystatin C levels in healthy kidney donors and its correlation with GFR by creatinine clearance. | Salma Ayub  SIUT |
| **7** | Initiating and Executing Point of Care Testing Program in a Tertiary Care Hospital | Lena Jafri  AKU |
| **8**  **9** | Analysis of Kidney Stones with Fourier Transform Infrared Spectroscopy: A comparison with the Chemical Spot Test  Performance of CKD-EPI Pakistan equation in predicting estimated glomerular filtration rate: Comparison with measured creatinine clearance, MDRD and CG | Sheharbano Imran  AKU  Sibtain Ahmed  AKU |