PAKISTAN PHYSIOLOGICAL SOCIETY
13th Biennial Conference
‘Standardizing Physiology Teaching Through Research’
September 7–9, 2012

Programme

Saidu Medical College, Swat, Pakistan
Friday, September 7, 2012

Inaugural Ceremony
(Venue: Multipurpose Hall)

Guests to be Seated 9:20 AM
Arrival of the Chief Guest 9:30 AM
Recitation fro Holy Qura’an 9:35 AM
Welcome Note by Chairman, Organizing Committee 9:40 AM
Annual Report by the President, Pakistan Physiological Society 9:50 AM
Address of the Chief Guest 10:00 AM
Presentation of Souvenirs 10:15 AM
Refreshments 10:30 AM

Scientific Session I:
PLENARY LECTURES
(Venue: Multipurpose Hall)

Chairperson: Prof. Muhammad Hafeezullah
Co-chairperson: Prof. Jawad Ahmed
Secretary: Prof. Muhammad Ayub

11:00 AM Current trends in Medical Education
Muhammad Aslam
Shifa Tameer e Millat University, Islamabad

11:15 AM Professionalism
Umar Ali Khan,
Isra University, Islamabad Campus, Islamabad

11:30 AM Concept of Education in Islam
Taj Muhammad Khan
Saidu Medical College, Swat

11:45 AM Standard Setting in Examinations in Pakistani Universities
Junaid Sarfraz Khan, Saima Tabasum
University of Health Sciences, Lahore

Scientific Session II:
(ENDOCRINOLOGY-I)
(Venue: Lecture Hall No. 3)

Chairperson: Prof. Nargis Anjum
Co-Chairperson: Dr. Amreek Lal
Secretary: Dr. Asma Jabeen

2:30 PM Evaluation of Inflammatory Markers in Pakistani Type 2 Diabetes Mellitus Patients
Amina Nadeem, Abdul Khaliq Naveed, Muhammad Mazhar Hussain
Army Medical College, Rawalpindi

2:40 PM Association of Stress and the Onset of Type 2 Diabetes
Mehwish Nisar, Akhtar Amin Memon, Beenish Nisar Ahmed, Marium Jamil, Raza ur Rahman
Dow Medical College, Dow University of Health Sciences, Karachi

2:50 PM Urinary Excretion Patterns of Endogenously Produced Alcohols in Type 2 Diabetes Mellitus
Zainab Perveen, Zafar Bukhari, Rukhsan Khurshid
Fatima Jinnah Medical College, Lahore

3:00 PM Bone Mineral Density and Fracture Risk Assessment in Type 2 Diabetic Patients
Atif Mahmood, Saima Ejaz, Shereen Jawed
Dow International Medical College, Karachi
3:10 PM Association of BMI with Reproductive Hormones in Infertile Male
Fahmida Khatoon, Atif Mahmood, Farhan Essa Abdullah, Nazrul Hasnain
Department of Biochemistry, Dow University of Health Sciences, Karachi

Scientific Session II:
(Venue: Lecture Hall No. 4)
ENDOCRINOLOGY-II

Chairperson: Prof. M. Mazhar Hussain
Co-Chairperson: Dr. Gulshan Hussain
Secretary: Dr. Ali Muhammad Soomro

2:30 PM Lipid Profile in Non-Obese Patients with Polycystic Ovarian Syndrome
Najia Shore, Rukhshan Khurshid
Fatima Jinnah Medical College, Lahore

2:40 PM Role of Endocrine Profile in Developing Polycystic Ovary Syndrome
Samia Asghar, Rukhshan Khurshid
Fatima Jinnah Medical College, Lahore

2:50 PM Metabolic Syndrome and Thyroid Function in the Euthyroid State
Muhammad Shahzad Saleem, Tanvir Ali Khan Shirwanym Khurshid Ahmad Khan
Shalamar Medical & Dental College, Lahore

3:00 PM Prevalence of Thyroid Autoimmunity in Healthy Subjects
Shan Elahi, Affia Tasneem, Mansoor Khan, M. Ajmal Khursheed
Centre for Nuclear Medicine, Mayo Hospital, Lahore

3:10 PM Effects of Lactation on Plasma Metastin Levels in Women
Saira Waggan
Faculty of Biological Sciences, Quaid-i-Azam University, Islamabad

Scientific Session II:
(Venue: Lecture Hall No. 2)
MEDICAL EDUCATION

Chairperson: Prof. Muhammad Aslam
Co-Chairperson: Dr. Alamzeb Khan
Secretary: Dr. Amjad Zaman

2:30 PM Revamping the MBBS Curriculum
Tariq Mahmood Alam
Wah Medical College, Wah Cantt.

2:45 PM A Multi-Step Process to Develop a Valid Examination
Pinjani SK
Aga Khan University, Karachi

2:55 PM MCQs vs SEQs Score: A Tool to Evaluate Mode of Assessment in Physiology
Samina Malik, Aqeeqa Hamad, Ghazala Qureshi, Muhammad Bilal
Avicenna Medical College, Lahore

3:05 PM Effect of Scrambling Questions and Responses on Student Performance
Junaid Sarfraz Khan, Saima Tabasum, Osama Mukhtar, Maryam Iqbal
University of Health Sciences, Lahore

3:15 PM Rationalisation of Physiology Curriculum in MBBS First and Second Year—A Survey Report
Tariq Mahmood Alam
Wah Medical College, Wah Cantt.

3:30 PM Perception of Medical Students About Chalk Based and Animation Based Learning
Urooj Bhatti, Zulfiqar Ali Laghari
Liaquat University of Medical and Health Sciences, Jamshoro

3:40 PM Use of PowerPoint and Blackboard in Teaching Anatomy at Undergraduate Level—A Survey Amongst Students
Shafiqat Ali, Sikandar Niazi, Naseer A Tariq, Bilal A Tareen, Khadeeja Qamar
Pak International Medical College, Peshawar

3:50 PM Educational Objectives — Classification, Categorisation, and Components
Zafar H. Tanveer
Department of Physiology, Nishtar Medical College, Multan

4:30 PM GENERAL BODY MEETING at Multipurpose Hall (Members Only)
Saturday, 8th September 2012

Scientific Session III:
(Venue: Lecture Hall No. 3)

BLOOD-I

Chairperson: Prof. Muhammad Hanif Qureshi
Co-Chairperson: Dr. Israr ul Haq
Secretary: Dr. Najla Shore

9:00 AM  Assessment of modifiable risk factors contributing to obesity in adolescents of different socioeconomic groups
Reema Iram, Sibgha Zulfiqar, Hamid Javaid Qureshi
Department of Physiology, Services Institute of Medical Sciences, Lahore

9:10 AM  Prevalence of thinness in school aged children of Jamshoro district
Ayaz Ali Samo, Zulfiqar Leghari, Hidayatullah Mahesar, Marvi Attar
Department of Physiology University of Sindh Jamshoro, Pakistan

9:20 AM  Iron deficiency anaemia in rural population of Sindh
Haji Khan Khoharo, Din Muhammad Shaikh, Ali Akbar Siddiqui, Naveed Kazi
Faculty of Allied Medical Sciences, Isra University, Hyderabad, Pakistan

9:30 AM  Awareness of obesity in working women
Naseem Attar, Shabab Tariq, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro

9:40 AM  Iron status in pregnant anaemic women following varying oral iron supplementation regimen
Nighat Rukhsana, Husan Bano, Fatima Mannan, Shehla Haider
Department of Physiology, Dow International Medical College, DUHS, Karachi

9:50 AM  New iron chelating factors from plant sources that may act as a good alternative and a more effective drug
Raheel Saeed
2nd Year Student, Pharm D, Hamdard University Karachi

Scientific Session III:
(Venue: Lecture Hall No. 4)

BLOOD-II

Chairperson: Prof. Farmanullah Wazir
Co-Chairperson: Dr. Muhammad Khan
Secretary: Dr. Sikandar Adil

9:00 AM  Effect Of Soy Isoflavone Supplementation On Bone Mineral Density Of Women With Various Menstrual Statuses
Rukhsan Khurshid, Asma Rashid
Department of Biochemistry, Fatima Jinnah Medical College Lahore

9:10 AM  Iron Status and Insulin Resistance in Non-Diabetic Offsprings of Type 2 Diabetics and Non-Diabetics
Uzma Zafar, Hamid Javaid Qureshi
Lahore Medical and Dental College, Lahore

9:20 AM  Iron Deficiency Anaemia in Rural Population of Sindh
Haji Khan Khoharo, Din Muhammad Shaikh, Ali Akbar Siddiqui, Naveed Kazi
Faculty of Allied Medical Sciences, Isra University, Hyderabad, Pakistan

9:30 AM  Awareness About Importance of Iron Among Medical and Non-Medical Students of Rawalpindi and Islamabad
Sehrish Khan, Izzah Islam, Saba Shafique, Ramla Bibi, Amina Rauf, Aleena Anwer, Farah Rashid, Idrees Farooq Butt
2nd Year MBBS Students, Yusra Medical and Dental College, Islamabad

9:40 AM  Trend of blood groups and Rh-factor in Army Medical College
Shoaib Bin Aleem, Afique Ali, Umair Hassan
Department of Physiology, Army Medical College, Rawalpindi
9:50 AM  **Serum Zinc and Neutrophil Function in Lower, and Upper/Upper Middle Socioeconomic Groups**  
Uzair Mumtaz, Hamid Javaid Qureshi  
Department of Physiology, Services Institute of Medical Sciences, Lahore, Pakistan

**Scientific Session III:**  
(Venue: Lecture Hall No. 4)  
**BLOOD-III**

**Chairperson:** Prof. Muhammad Akram  
**Co-Chairperson:** Dr. Surraya Halimi  
**Secretary:** Dr. Zulfiqar Laghari

9:00 AM  **Neutrophil/Lymphocyte Ratio in Peripheral Blood Smear to Predict Morbidity/Mortality in Patients of Acute Myocardial Infarction**  
Navaid Kazi, Din Muhammad Shaikh, Hamid Zia Shaikh, Shuja Anwar Kazi, Saifur Rehman  
Physiology Department, Isra University Hyderabad

9:10 AM  **Association of Surfactant Protein-D With Obesity and Type 2 Diabetes Mellitus**  
Shireen Jawed, Nighat Mannan, Masood A. Qureshi, Zaman Shaikh  
Institute of Basic Medical Sciences, Dow University of Health Sciences, Karachi, Pakistan

9:20 AM  **Levo-Carnitine Supplementation Optimises Oxidative Stress and Skeletal Muscle Functions in Type 2 Diabetic Rats**  
Shoaib Bin Aleem, Muhammad Mazhar Hussain  
Department of Physiology, Army Medical College, Rawalpindi

9:30 AM  **Lipid Profile in Patients of Type 2 Diabetes Mellitus**  
Muhammad Shoaib, Hamid Javaid Qureshi  
Department of Physiology, Services Institute of Medical Sciences, Lahore, Pakistan

10:30 AM  **Tea Break**

**Scientific Session IV:**  
(Venue: Lecture Hall No. 3)  
**NEUROSCIENCES**

**Chairperson:** Prof. Hamid Javed Qureshi  
**Co-Chairperson:** Prof. Dr. Manzoor Ali  
**Secretary:** Dr. Muhammad Ismail

11:00 AM  **Vascular Tone: A Mysterious Human Behaviour**  
Saadat Ali Khan  
Foundation University Medical College, Islamabad

11:30 AM  **Comparison of the Effects of Simvastatin and Alpha-Tocopherol on Disturbed Nerve Conduction in Obese Sprague Dawley Rats**  
Asma Jabeen, M Amjad Hameed, Umar Ali Khan  
Wah Medical College, Wah Cantt

11:40 AM  **An Electrodiagnostic Study on Carpal Tunnel Syndrome**  
Husan Bano, Nighat Ruhhsana, Syed Haider Naqvi, Sumera Gul  
Al-Tibri Medical College, Isra University Karachi Campus, Karachi, Pakistan

11:50 AM  **Gender and Contractile Functions of Slow and Fast Skeletal Muscles in Streptozotocin Induced Type 1 Diabetic Sprague Dawley Rats**  
Kamil Asghar Imam, Mazhar Hussain, Shoaib Bin Aleem  
College of Medical Sciences, National University of Sciences and Technology (NUST), Rawalpindi, Pakistan

12:00 PM  **Role of PKC in Agonist Induced Ca^{2+} Signalling and Endothelial Cell Survival in Intact Rat Tail Artery**  
Sadaf Mumtaz  
Shifa College of Medicine, Shifa International Hospital, Islamabad, Pakistan
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:10 PM</td>
<td>Nerve Conduction Velocity and Amplitude of Action Potential in Sensory Peripheral Nerves of Upper and Lower Limbs in Normal Subjects</td>
<td>Husan Bano, Sumera Gul, Nighat Rukhsana</td>
<td>Al-Tibri Medical College, Isra University (Karachi Campus), Karachi</td>
</tr>
<tr>
<td>12:20 PM</td>
<td>Effect of ascorbic acid on force frequency relationship of skeletal muscle fibres in long term cold exposed Sprague Dawley rats</td>
<td>Aneeqa Rashid, Umar Ali Khan</td>
<td>Department of Physiology, Wah Medical College, Wah Cantt.</td>
</tr>
</tbody>
</table>

**Scientific Session IV:**

( Venue: Lecture Hall No. 4 )

**CARDIO-RESPIRATORY PHYSIOLOGY**

**Chairperson:** Prof. Tanvir Ali Khan Sherwani  
**Co-Chairperson:** Dr. Purdil Khan  
**Secretary:** Dr. Samina Malik

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 AM</td>
<td>Surfactant Protein D is a Biomarker for COPD Exacerbations</td>
<td>Tania A. Shakoori, Syed Nazim Bokhari, Farkhanda Ghafoor</td>
<td>University of Health Sciences, Lahore</td>
</tr>
<tr>
<td>11:10 AM</td>
<td>Effects of Smoking on Pulmonary Function Tests and Respiratory Muscle Strength in Young Male Subjects Living in Makka</td>
<td>Aqeela Hamad, Samina Malik, Shahid Hasan, Waqas Sami</td>
<td>Rahbar Medical College, Lahore</td>
</tr>
<tr>
<td>11:20 AM</td>
<td>Emerging Risk Factors of Coronary Heart Disease in 25–50 Years of Individuals in Pakistan</td>
<td>Noor Ghani, Zahra Malik</td>
<td>2nd Year MBBS Students, CMH Lahore Medical College, Lahore</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Cardiovascular Risk Factors and Long-Term Toxicity After Cisplatin Based Chemotherapy in Patients of Germ Cell Carcinoma</td>
<td>Nusrat Bano, Rahila Naja, Ahmed Mateen, Faaiza Qazi</td>
<td>Department of Pharmacology, University of Karachi</td>
</tr>
<tr>
<td>11:40 AM</td>
<td>The Shield of Renin-Angiotensin System Modulators Against Development of Diabetic Peripheral Neuropathy in T2DM</td>
<td>Qaisar Mansoor, Amara Javaid, Nighat Bilal, Muhammad Ihsain</td>
<td>Institute of Biomedical and Genetic Engineering, Islamabad</td>
</tr>
<tr>
<td>11:50 AM</td>
<td>Response of Chest Pain and Dyspnoea to Increased Heart Rate in Patients With Coronary Heart Disease</td>
<td>Sadaf Fatima, S. Tousif Ahmad, HR Ahmad</td>
<td>Department of Physiology, Ziauddin University Medical College, Karachi</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Effect of Valsalva Manoeuvre on Pulse Rate and RR Interval In Diabetic Women of Reproductive Age Group with Urinary Incontinence</td>
<td>Sadiq Jafri, Masood A. Qureshi, Zaman Shaikh</td>
<td>Institute of Basic Medical Sciences, Dow University of Health Sciences, Karachi</td>
</tr>
<tr>
<td>12:10 PM</td>
<td>Waist Circumference: A Simple Anthropometric Predictor of Pulmonary Function</td>
<td>Sohail Attaur-Rasool, Shahid Hasan, Tanvir Ali-Khan Shirwany</td>
<td>CMH Lahore Medical College, Lahore</td>
</tr>
<tr>
<td>12:20 PM</td>
<td>Heart rate and QTc duration in patients with cirrhosis — A marker of cirrhotic cardiomyopathy?</td>
<td>Shahid Mumtaz Abbasi, Yasmin Aamir, Sumera Gul, Nayyar Yaqoob, M Saleem Abbasi</td>
<td></td>
</tr>
</tbody>
</table>

12:30 PM  **LUNCH and Prayers**
**Scientific Session V:**
(Venue: Lecture Hall No. 2)

**GENETICS**

**Chairperson:** Prof. Arif Siddiqui  
**Co-Chairperson:** Syed Muhammad Naeem Khan  
**Secretary:** Dr. Sohail Atta ur Rasool

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>Association of rs9939609 Variant Of FTO Gene With Obesity</strong></td>
<td>Adeela Shahid, M. Imran, Shahid Saeed, Sobia Rana, Saqib Mehmood</td>
<td>University of Health Sciences Lahore, Shalamar Medical and Dental College, Lahore</td>
</tr>
<tr>
<td>2:10 PM</td>
<td><strong>49, XXXXY Syndrome: A Case Report</strong></td>
<td>Amara Javaid, Hani Akbar, Irfan Mughal, Kehkishan Mazhar, Muhammad Ismail</td>
<td>Institute of Biomedical and Genetic Engineering, Islamabad</td>
</tr>
<tr>
<td>2:30 PM</td>
<td><strong>Deciphering the Genetics of Congenital Scoliosis with Molecular Biology and Computational Tool Kit: A Family Based Study</strong></td>
<td>Anum Imitiaz, Qanita Muazzam, Qaisar Mansoor, Sobia Tabassum, Muhammad Ismail</td>
<td>Institute of Biomedical and Genetic Engineering, Islamabad</td>
</tr>
<tr>
<td>2:40 PM</td>
<td><strong>The Black Face of TP53 in Prostate Cancer</strong></td>
<td>Mohammad Haroon Khan, Qaisar Mansoor, Hamid Rashid, Muhammad Ismail</td>
<td>Institute of Biomedical and Genetic Engineering, KRL, Islamabad</td>
</tr>
<tr>
<td>2:50 PM</td>
<td><strong>The signatures of common SNP in FTO gene: Relationship to risk of metabolic disorder obesity</strong></td>
<td>Muhammad Ismail, Qaisar Mansoor, Amara Javaid, Nighat Bilal</td>
<td>Institute of Biomedical and Genetic Engineering, Islamabad</td>
</tr>
<tr>
<td>3:00 PM</td>
<td><strong>Genetic Analysis of BRCA1 Gene in Human Male and Female Breast Cancer</strong></td>
<td>Raisa Bano, Qaisar Mansoor, Hamid Rashid, Muhammad Ismail</td>
<td>Department of Bioinformatics, Muhammad Ali Jinnah University, Islamabad</td>
</tr>
<tr>
<td>3:10 PM</td>
<td><strong>Association of Single Nucleotide Polymorphisms in Apo E With Coronary Events in Type 2 Diabetic Patients</strong></td>
<td>Sehrish Fatima, Syed M. Shahid, Obaid Y. Khan, Frederic Fumeron, Abid Azhar</td>
<td>The Karachi Institute of Biotechnology &amp; Genetic Engineering, Karachi</td>
</tr>
<tr>
<td>3:20 PM</td>
<td><strong>Molecular Characterisation of Congenital Deafness in Autosomal Recessive Pedigrees of Khyber Pakhtunkhwa</strong></td>
<td>Shahid Hussain, Qaisar Mansoor, Jabar Zaman Khan Khattak, Muhammad Ismail</td>
<td>Institute of Biomedical and Genetic Engineering, KRL, Islamabad</td>
</tr>
<tr>
<td>3:30 PM</td>
<td><strong>Polyalanine Tracts Cause Formation of Aggregates</strong></td>
<td>Zulfiqar Ali Laghari, Atta Samo, Khalid Lashari</td>
<td>Department of Physiology, University of Sindh, Jamshoro</td>
</tr>
</tbody>
</table>

---

**Scientific Session V:**
(Venue: Lecture Hall No. 3)

**GENERAL-I**

**Chairperson:** Prof. Dr. Muhammad Ayub  
**Co-Chairperson:** Prof. Dr. Khurshid Ahmed  
**Secretary:** Dr. Urooj Bhatti

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>Association of Poor Matrimonial Relationship, Depression, Anxiety, Low Social Support Among Cardiac Patients in Karachi</strong></td>
<td>Marium Khan, Ayesha Abbasi, Farhat Jafri</td>
<td>Department of Community Health Sciences, KMDC</td>
</tr>
<tr>
<td>2:10 PM</td>
<td><strong>Effect of Aloe Vera Whole Leaf Extract on Blood Glucose and Lipid Profile of Streptozotocin Induced Type 2 Diabetic Rats</strong></td>
<td>Meena Gul, Muhammad Mazhar Hussain, Ayesha Baber, Muhammad Farman, Amina Nadeem, Rabia Lateef</td>
<td></td>
</tr>
</tbody>
</table>
2:30 PM Identification and Characterisation of Ciprofloxacin-Resistant Klebsiella Spp
Hira Batool, Mehjabeen Saleem, Rukhshan Khurshid
Institute of Biochemistry and Biotechnology, University of Punjab Lahore

2:40 PM Response to Different H-Pylori Eradication Therapies in Patients of Active Gastritis
Afaque Ali, M. Hamza Jahangeer, Shakeel Ahmed Mirza
Army Medical College, Rawalpindi

2:50 PM Frequency of Microbial Spectrum of Spontaneous Bacterial Peritonitis in Established Cirrhosis Liver
Amjad Zaman, Rahida Kareem, Rashid Mahmood, Khalid Hameed, Ejaz Muhammad Khan
Department of Physiology, Khyber Girls Medical College, Peshawar

3:00 PM Evaluation of Individual and Synergistic Administration of Resveratrol, Sulforaphane and Guggulsterone in Diethylnitrosamine-Initiated Rat Hepatocarcinogenesis
Ammad Ahmad Farooqi, Shahzad Bhatti, Muhammad Zahid Qureshi, Qaisar Mansoor, Muhammad Ismail
Laboratory for Translational Oncology and Personalized Medicine, RLMC, Lahore

3:10 PM Linear Correlations Between Patterns and Determinants of Lipid Disorders and Blood Dugar in Diabetes Type2 Patients
Riffat Sultana, Rashid Mehmood
Department of Physiology, Khyber Girls Medical College Peshawar

Scientific Session V:
(Venue: Lecture Hall No. 4)
GENERAL-II

Chairperson: Prof. Umar Ali Khan
Co-Chairperson: Dr. Liaquat Ali
Secretary: Dr. Tania A. Shakoori

2:00 PM Correlation Between NT ProBNP and in Patients Presenting to Emergency Department with Dyspnoea
Amna Malik, Tariq Feroz Khawaja, Rukhshan Khurshid
Department of Biochemistry, CMH Lahore Medical College, Lahore

2:10 PM Angiogenesis and Mast Cell Density Correlate with Histological Grade in Squamous Cell Carcinoma of Lung
Ehsan Ullah, AH Nagi, Muhammad Ashraf
Department of Pathology, Quaid-e-Azam Medical College, Bahawalpur

2:30 PM Serial Changes in Plasma Homocysteine in Acute Clinical Stroke
Faraz Ahmed Bokhari, Ambreen Butt, Syed Ahmad Ali Hassan, Farkhanda Ghafoor
Department of Physiology, Shaikh Zayed Postgraduate Medical Institute, Lahore

2:40 PM Prevalence of Anti-HCV and Anti-HBV Antibodies in Rural Population of Sindh, Pakistan
Jaindo Shaikh, Khalida Unar, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro

2:50 PM Role of Fibroid in Changing the Uterine Size, Distortion of Endometrium Lining in a Group of Women Bearing Age
Munuzza Mir, Rukhshan Khurshid
Department of Anatomy and Biochemistry, Fatima Jinnah Medical College, Lahore

3:00 PM Response of Hypothalamo-Pituitary-Adrenal Axis and Immune System to Chronic Restraint Stress in Sprague Dawley Rats
Sadia Moazzam, M. Mazhar Hussain
Department of Physiology, Islamabad Medical and Dental College, Islamabad

3:10 PM Assessment of anorexia, anger, restlessness, gender prevalence, literacy rate, effect of birth order on insomnia
Muhammad Zaheer Ahmad, Zafar H. Tanveer, Taha Bashir, Ali Qureshi
Department of Physiology, Nishtar Medical College, Multan

3:20 PM Pain: Pathophysiology and Management
Syed Asad Ali
Department of Surgery, Liaquat University of Medical & Health Sciences, Jamshoro
Sunday, 9th September 2012

Scientific Session VI:
(Venue: Lecture Hall No. 3)

REPRODUCTION

Chairperson: Prof. Rashid Mehmood
Co-Chairperson: Dr. Imranuddin Khattak
Secretary: Dr. Zainab Perveen

9:00 PM  Clinical Characteristics of Polycystic Ovarian Syndrome in Pakistani Population — A Prospective Study
Shehla Haider, Nighat Mannan, Masood A. Qureshi, Muhammad Ahsan
Dow Medical College, Dow University of Health Sciences, Karachi

9:10 PM  Premenstrual Syndrome Symptoms and Frequency Among University Students in Karachi
Sitwat Zehra, Abid Azhar, Masood A. Qureshi
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

9:30 PM  Genetic Basis of Precocious Puberty in Boys
Madiha Shahbaz, Qaisar Mansoor, Maleeha Akram, Shaista Aslam, Mirza Azher Beg, Mazhar Qayyum, Syed Shakeel Raza Rizvi
Institute of Biomedical and Genetic Engineering, Islamabad

9:40 PM  Molecular Basis of Delayed Puberty in Boys
Misbah Riaz, Qaisar Mansoor, Maleeha Akram, Shaista Aslam, Mazhar Qayyum, Syed Shakeel Raza Rizvi, Muhammad Ismail
Institute of Biomedical and Genetic Engineering, Islamabad

9:50 PM  Prevalence of Dysmenorrhoea in Adolescent Girls
Aftab Ahmed Khand, Hidayatullah Mahesar, Aabroo Talpur, Zulfiquar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro

Scientific Session VI:
(Venue: Lecture Hall No. 4)

GENERAL-III

Chairperson: Prof. Mumtaz A. Memon
Co-Chairperson: Dr. Qareebullah
Secretary: Dr. Adeela Shahid

9:00 AM  Prevalence of Cigarette Smoking and Tobacco Chewing in Adolescent Male Students
Afzal Ali Misrani, Niaz Hussain Jamali, Zulfiquar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro

9:10 AM  Histological and Biochemical Evaluation of Allethrin Toxicity on Liver
Ali Muhammad Soomro, Naseem Aslam Channa
Department of Physiology, University of Sindh Jamshoro

9:30 AM  Sleep Habits of First Year and Final Year MBBS Students
Ayyaz Ahmed, Umar Ali Khan, Humaira Fayyaz, Nida Naem, Mehmash Khan, Fazaila Sabih
Department of Physiology, Islamic International Medical College, Rawalpindi

9:40 AM  Postpartum Depression in Primigravida and Multigravida with Normal Physiological Status
Ramsha Rukh, Huda Kafeel, Jawaid Iqbal, Sadaf Nameen
Faculty of Pharmacy Jinnah University for Women, Karachi

9:50 AM  Prevalence of Cancer and its Co-Relation with ABO Blood Groups and Rh Factor Among Population of Sindh
Rashida Bhatti, DM Shaikhi
Department of Physiology, University of Sindh, Jamshoro

10:00 AM  Incidence and Causes of Neurosurgical Cases Reported in a Tertiary Care Hospital of Peshawar in the Month of December, 2011
Muhammad Salman Haider Qureshi, Najmush Shakireen, Bakhtawar W. Qureshi, Abdullah Banosi, Waqas Afzal
Peshawar Medical College, Peshawar
Scientific Session VI:
(Venue: Lecture Hall No. 2)
GENERAL-IV

Chairperson: Maj. Ishaq
Co-Chairperson: Dr. Alamzeb Khan
Secretary: Dr. Neelofar Sultana

9:00 PM  Role of Cystatin C in the Early Diagnosis of Diabetic Nephropathy
Saima Ejaz, Masood Anwar Qureshi, Nighat Mannan, Manohar Lal
Department of Physiology, Dow International Medical College, Dow University of Health Sciences, Karachi

9:10 PM  Therapeutic Effect of Aloe Vera Leaf Extract on Rabbit Skin Wound Healing
Samia Siddiqui, Din Muhammad Shaikh, Hamid Zia, Navaid Kazi

9:30 PM  Complications in Teenage Pregnancies
Shahnaz Rajput, Pushpa Sirichand, Umr Arain, Zulfiqar Laghari
Department of Physiology, University of Sindh, Jamshoro

9:40 PM  Blood Ammonia Level Predicts the Presence of Oesophageal Varices in Patients of Liver Cirrhosis due to Hepatitis B and C Virus
Syeda Zainab, Hamid Javaid Qureshi, Syed Muhammad Rizwan Bukhari
Lahore Medical and Dental College, Lahore

9:50 PM  Economically Designed Adjuvant Treatment Increases the Disease Free Survival in Pakistani Breast Carcinoma Women
Uzma Raza, Aziza Khanum, S. Najeeb Niamatullah, Syed Aley Hassan Zaidi
Department of Biochemistry, Hamdard College of Medicine & Dentistry, Karachi

10:00 AM  Serum Aldosterone and Angiotensin II Levels Among Textile Mill Workers
Sadaf Zia
Department of Physiology, University Medical and Dental College, Faisalabad

POSTER PRESENTATIONS

EXHIBITION-I
(Friday, 7th September 2012)

Chairman: Prof. Ahmad Kamal Ansari
Co-Chairman: Dr. Alam Zeb Khan
Secretary: Dr. Sheila Pinjani

PREVALENCE OF ANEMIA IN ADOLESCENT GIRLS
Aabroo Talpur, Aftab Ahmed Khand, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro, Pakistan

EFFECTS OF MALNUTRITION ON PREGNANT WOMEN AND THEIR CHILDREN
Aisha Memon, Iffat Fatima Bhurgri, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh Jamshoro, Pakistan

EATING DISORDERS IN THE AFFLUENT ADOLESCENT GIRLS
Iffat Fatima Bhurgri, Zulfiqar Ali Laghari, Jamshed Warsi
Department of Physiology, University of Sindh, Jamshoro

ASSOCIATION OF UPPER ARM CIRCUMFERENCE WITH CARDIOVASCULAR DISEASE
Jamshed Warsi, Zaman Baloch, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro
FREQUENCY OF ABO AND Rh BLOOD GROUPS AMONG STUDENTS OF PESHAWAR MEDICAL COLLEGE, PESHAWAR
Muhammad Salman H. Qureshi, Muhammad Shoaib, Murtaza Hassan, Muhammad Ismail, Bakhtawar W. Qureshi
Peshawar Medical College, Peshawar

MALNUTRITION IN FLOOD AFFECTED AREAS OF SINDH, PAKISTAN
Farzana Gul Baloch, Marvi Attari, Hidayatullah Mahesar, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro

SOURCES OF STRESS IN FEMALE MEDICAL STUDENTS IN A GOVERNMENT MEDICAL COLLEGE OF LAHORE
Mira Qutab, Maheen Qutab, Asima Malik
Lahore Medical & Dental College, Lahore

ASSESSMENT OF CHANGE IN PEAK EXPIRATORY FLOW RATE IN PAKISTANI MEDICAL STUDENTS
Muhammad Asif Memon, Neelofar Sultana, Seema Asif Memon
Department of Physiology, Ziauddin University Medical College, Karachi

CORONARY ARTERY DISEASE RISK FACTORS IN POSTMENOPAUSAL WOMEN
Noor us Sabah, Muhammad Abbas, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro

EFFECT OF ASCORBIC ACID AND ALPHA TOCOPHEROL ON IMMUNE STATUS OF MALE SPRAGUE DWAYLEY RATS EXPOSED TO CHRONIC RESTRAINT STRESS
Sadia Moazzam, M. Mazhar Hussain
Department of Physiology, Islamabad Medical and Dental College, Islamabad

EXHIBITION-II
(Saturday, 8th September 2012)

Chair Person: Prof. Dr. Tehsin Iqbal
Co-Chairman: Dr. Rukhsan Khurshid
Secretary: Dr. Rashida Bhatti

EFFECT OF ACE INHIBITORS WITH NSAIDS ON CARRAGEENAN INDUCED INFLAMMATION
Safila Naveed, Najma Sultana, MS Arayne, Moona Mehboob Khan
Jinnah University for Women Karachi, Pakistan

INSULIN RECEPTOR SUBSTRATE-2 IN NORMAL PAKISTANI SUBJECTS
Naeema Ahmed, Amir Rashid, Abdul Khaliq Naveed, Qudsia Bashir, Suhail Razak
Department of Biochemistry & Molecular Biology, Army Medical College Rawalpindi

ASSOCIATION OF SNPs IN VITAMIN D METABOLISM GENE CYP24A1 WITH HEART FAILURE
Syed Ali Raza Kazmi, Qaisar Mansoor, Muhammad Ismail
Institute of Biomedical and Genetic Engineering, Islamabad

COMMON SUBSTANCE ADDICTION IN GENERAL POPULATION OF A BIG CITY
Huda Kafeel, Ramsha Rukh, Javeid Iqbal, Sadaf Naeem
Faculty of Pharmacy, Jinnah University for Women, Karachi

PREVALENCE OF RISK FACTORS RELATED TO CARDIOVASCULAR DISEASES AMONG PARTICIPANTS ATTENDING PUBLIC AWARENESS PROGRAM AT KARACHI INSTITUTE OF HEART DISEASES (KIHD)
Marium Khan, Ayesha Abbasi, Farhat Jafri
Department of Community Health Sciences Karachi Medical & Dental College, Karachi

INSULIN RECEPTOR SUBSTRATE-2 IN NORMAL PAKISTANI SUBJECTS
Naeema Ahmed, Amir Rashid, Abdul Khaliq Naveed, Qudsia Bashir, Suhail Razak
Department of Biochemistry & Molecular Biology, Army Medical College Rawalpindi
PATIENTS’ ATTITUDE TOWARDS MEDICAL STUDENTS IN HOSPITALS
Quratulain, Rashida Bhatti, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro

PERCEPTION OF WOMEN TOWARDS EFFECTS OF TOBACCO USE
Shabab Tariq, Naseem Attar, Zulfiqar Ali Laghari
Department of Physiology, University of Sindh, Jamshoro

CIPROFLOXACIN RESISTANT \textit{E. coli} IN CLINICAL SPECIMENS
Sidra Rafiq, Mahjabeen Saleem, Rukhsan Khurshid
Institute of Biochemistry & Biotechnology, University of Punjab, Lahore

Closing Ceremony
(Venue: Multipurpose Hall)

Guests to be Seated 10:25 AM
Arrival of the Chief Guest 10:30 AM
Recitation fro Holy Qura’an 10:35 AM
Introduction of PPS Office Bearers by General Secretary, PPS 10:40 AM
Administration of Oath by Chief Guest 10:45 AM
Conference Recommendations by President PPS 10:50 AM
Distribution of Souvenirs 11:00 AM
Address of the Chief Guest 11:15 AM
Vote of Thanks by Secretary, Organizing Committee 11:25 AM
Refreshments 11:30 AM

Sight Seeing / Visit SWAT (Optional for Participants) 12:00 PM