1st South Asian Conference of Physiological Societies
&
11th Biennial Conference of Pakistan Physiological Society
on
PHYSIOLOGY UPDATES
‘Trends, Opportunities & Challenges’
November 10 to 12, 2008

Shifa College of Medicine
H-8/4 Islamabad
Pakistan
Inaugural Ceremony
Venue: Multipurpose Hall

(Programme)

Guests to be Seated 8:50 am
Arrival of the Chief Guest 9:00 am
Tilawat 9:05 am
Welcome Note (Chairman, Organizing Committee) 9:10 am
Review (President, PPS) 9:20 am
Introducing SAAP (Dr. Mohammad Fahim) 9:30 am
Address (Chief Guest) 9:40 am
Presentation of Souvenir 9:55 am

Refreshments 10:00-10:25 am
Pre Conference Symposium  
**on**  
**Bioethics and Challenges in Medical Education**  
Monday, November 10, 2008  
Venue: Multipurpose Hall

**Chairperson: Mohammad Amin**  
**Co-chairperson: H R Ahmad**  
**Secretary: Kristophor Dishovsky**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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</table>
| 1030-1055  | Plenary Lecture              | Ethics in Public Health  
Shakila Zaman, Director, Health Services Academy, Islamabad             |
| 1055-1120  | Plenary Lecture              | Brain Sciences and Neuroethics  
Saeed Semnanian President, Tarbiat Modares University, Tehran, Iran       |
| 1120-1145  | Plenary Lecture              | Integrating Bioethics in Medical Curriculum  
Mohammad Ashraf  
Department of Basic Health Sciences, Shifa College of Medicine, Islamabad |
| 1145-1210  | Plenary Lecture              | How to Preserve Integrity in Research  
Anwar Ali Siddiqui  
Associate Dean, Research and Graduate Studies, Aga Khan University, Stadium Road, Karachi-74800 |
| 1210-1230  | Questions & Answers         |                                                                         |
| 1230-1330  | Lunch & Prayer               |                                                                         |
Concurrent Scientific Session: Medical Education
Monday, November 10, 2008
Venue: Multipurpose Hall

Chairperson: Noorzahan Begum
Co-Chairperson: Saadat Ali Khan
Secretary: Tasneem Cheema

1330-1340 Oral Presentations
Summative assessment of under graduate medical STUDENT’S performance in physiology by structured oral examination
Sultana Firdousi, Shah Abdul Latif, MM Moinuddin Ahmed, Akhtar un Nessa
Department of Physiology, Mymensingh Medical College,
Mymensingh, Bangladesh

1340-1350 Framework to determine the effectiveness of assessment system in Year 1 & 2 of a Medical University
Sheilla Pinjani
Department of Educational Development, Aga Khan University, Stadium Road,
Karachi-74800

1350-1400 Medical education needs to adapt society’s changing attitudes.
Mamoona Nasim Ahmed
Department of Anatomy, FMH College of Medicine &Dentistry, Shadman,
Lahore

1400-1410 An analysis of summative assessment procedure (Written) in undergraduate physiology course in Bangladesh
Taskina Ali, Noorzahan Begum, Manzar-e-Shamim, Kazi Saifuddin Bennoor
Department of Physiology, Bangabandhu Sheikh Mujib Medical University
Dhaka, Bangladesh

1410-1420 Integrated questions for assessment in PBL curriculum: The process
S Abdul Saeed, Philippe Frossard
Department of Biological & Biomedical Sciences, Aga Khan University, Stadium Road,
Karachi.-74800

1420-1430 Physiology for Tomorrow
Ruhul Amin
Department of Physiology, Dhaka Medical College,
Dhaka, Bangladesh
Concurrent Scientific Session

1330-1430  Special Lecture: Research Proposal Writing
Anwar Ali Siddiqui,
Associate Dean, Research & Graduate Studies
Aga Khan University, Stadium Road, Karachi-74800

Chairperson: Mumtaz A Memon
Co-chairperson: Sikandar A Shaikh
Secretary: Idrees F Butt

(limited seats; pre-registration required)

Venue: Auditorium
Panel Discussion

Teaching and Research in Physiology: Role of Physiological Societies

Monday, November 10, 2008

(Venue: Multipurpose Hall)

Chairman: M Mussadaq Khan
Co-Chairman: M Mazhar Hussain
Secretary: Tanveer A Khan Sherwani

1430-1445  Teaching and Research in Physiology in India: Role of Physiology Society
            Shyamal Roy Choudhury, Amar K Chandra*
            Guest Faculty, Department of Physiology, University of Calcutta, 58 Banerjee para Road, Kolkata-700060, India, * Department of Physiology, University College of Science & Technology, University of Calcutta, Kolkata 700 009, India

1445-1500  Role of Physiological Societies in promotion of Physiology in (Bangladesh) South East Asia
            Noorzahan Begum
            Department of Physiology, Bangabundhu University of Medical Sciences
            Dhaka, Bangladesh

1500-1515  Teaching and research in Physiology in SAARC countries: Sri Lankan perspectives and trends
            Sharaine Fernando
            Department of Physiology, Faculty of Medical Sciences,
            University of Sri Jayewardenepura, Nugegoda, Sri Lanka

1515-1530  Role of Physiological Societies in promotion of Teaching and Research in Physiology: A Pakistani perspective
            Arif Siddiqui, Mohammad Aslam*
            Department of Biological & Biomedical Sciences, Aga Khan University
            Karachi-74800, * Shifa College of Medicine, Islamabad

1530-1600  Panel Discussion

1600-1630  Tea

1630-1730  General Body Meeting Pakistan Physiological Society (for members only)

(Venue: Multipurpose Hall)
Concurrent Scientific Session I A
Cardiopulmonary System
Tuesday, November 11, 2008
Venue: Multipurpose Hall

Chairperson: Sharaine Fernando
Co-Chairperson: Muhammad Amjad Hameed
Secretary: M Azhar Khan

**Plenary Lecture**
0900-0920
Impairment of baroreflex in chronic heart failure
Mohammad Fahim
Department of Physiology, Vallabhbhai Patel Chest Institute, University of Delhi,
New Delhi, India

**Oral Presentations**
0920-0930
Tyrosine phosphorylation of phosphatidylinositol 3-Kinase as a mechanism underlying acidosis-induced contraction in SHR aorta
Dileep K Rohra
Department of Biological & Biomedical Sciences, Aga Khan University, Stadium Road,
Karachi-74800

0930-0940
Frequency of ventricular late potentials in healthy population
Muhammad Alamgir Khan, M Mazhar Hussain, M Aslam, Imran Majeed, Waqas Hameed
Department of Physiology, Army Medical College, Rawalpindi

0940-0950
Significance of serum magnesium and electrolyte levels in acute myocardial infarction in first six hours
Aftab Ahmad
Department of Physiology, Sheikh Zayed Medical College, Rahim Yar Khan

0950-1000
Variable response to inhaled nitric oxide (iNO) in patients of pulmonary hypertension secondary to mitral stenosis
Zubia Razzaq, M Aslam, M Mazhar Hussain, Shahab Naqvi, Saadat A Khan
Department of Physiology, Army Medical College, Rawalpindi

1000-1010
Lung function status in arsenicosis patients in the skin lesion in Bangladesh
Taseen Habiba, Noorzahan Begum, Shelina Begum, Sultana Firdousi, Taskina Ali
Department of Physiology, Uttara Adhunic Medical College, Uttara Dhaka, Bangladesh

1010-1020
The changes in blood IL-6, cortisol and selected haemodynamics in healthy adults during stress
Ghulam Mujadid Qureshi, GM Seehar, Khudabux Mirbahar, Zafar A Pirzado, Siraj A Abbasi
Department of Physiology, Nawabshah Medical College, Nawabshah

1020 - 1030
A balanced approach for facilitated, step ladder learning of human physiology
Tariq M Alam
Department of Physiology, Wah Medical College, Wah Cantt

1030-1100
Tea
Concurrent Scientific Session I B
Cardiopulmonary System
Tuesday, November 11, 2008
Venue: Multipurpose Hall

Chairperson: Mohammad Fahim
Co-Chairperson: Syed Abdul Majid Dewan
Secretary: Mohammad Ayub

1100-1120 Plenary Lecture
Chronotropic incompetence: Future directions
H R Ahmad
Ziauddin University, Clifton Campus, Sharah e Ghalib, Karachi

1120-1130 Oral Presentations
Adiponectin and IL-6 in Ischaemic cardiovascular diseases: Association with infarction
Anila Jaleel, Saima Aqil, Farhan Jaleel
Department of Biochemistry, Ziauddin University, Clifton Campus, Sharah e Ghalib, Karachi

1130-1140 Role of leptin in acute coronary syndrome
Nazish Rafique, M Nasir Afzal
Department of Basic Health Sciences, Shifa College of Medicine, Islamabad

1140-1150 Bronchial hyper-responsiveness and role of leukotrien modifiers alone and in combination with inhaled cortisol
Mohammad Hamayun Ikram
Department of Physiology, Akhtar Saeed Medical College, Lahore.

1150-1200 Real-time confocal microscopy technique to image Ca++ handling in intact renal glomeruli and arterioles
Muhammad Nabeel Ghayur, Luke J Janssen
Department of Medicine, McMaster UniversitySt. Joseph’s Hospital, Room L-314, 50 Charlton Avenue, East Hamilton L8N4A6, Ontario, Canada

1200-1210 Lung injury in animals and human exposed to sulphur mustard, their airway responsiveness and potential treatment
Mohammad Hossein Boskabady, Sediqa Amery, Nasim Vahedi, Javad Farhadi
Department of Physiology, Medical School, Mashhad University of Medical Sciences, Mashhad, Iran

1210-1220 Physiological changes in respiratory system after insecticide exposure in the farmers of Sindh, Pakistan
Ali M Soomro, Seehar GM, Channa NA
Faculty of Pharmacy, University of Sindh, Jamshoro

1220-1230 To study the structure function relationship of HER 2 in breast cancer
Rukhshan Khurshid
Department of Biochemistry, Fatima Jinnah Medical College, Lahore

1230-1330 Lunch & Prayer
Concurrent Scientific Session I C  
**Cardiopulmonary System**  
Tuesday, November 11, 2008  
Venue: Multipurpose Hall

**Chairperson:** Mohammad Hossein Boskabady  
**Co-Chairperson:** Muhammad Akram  
**Secretary:** Mumtaz Haider

**1330-1340**  
**Oral Presentations**  
**Arterial blood oxygen saturation, breath holding time and development of acute mountain sickness**  
Azmat Hayat, M Mazhar Hussain  
Department of Physiology, Army Medical College, Rawalpindi.

**1340-1350**  
**Different cellular signal transduction response to hypoxia and hyperoxia, in pulmonary artery endothelial cells**  
Farmanullah Wazir, Wang Dixun, Huang Feng  
KUST Institute of Medical Sciences, Kohat University of Science & Technology, Kohat

**1350-1400**  
**Early detection of cardiac failure in chronic obstructive pulmonary disease (COPD) patients**  
Mevo Khan Zardari, Sikandar A Mughal, Safdar A Shaikh  
Department of Physiology, Nawabshah Medical College, Nawabshah

**1400-1410**  
**Association of serum SP-D levels with decline in lung function in COPD patients**  
Tania Shakoori  
Department of Physiology, Shaikh Zayed Post-Graduate Medical Institute, University of the Punjab New Campus, Lahore

**1410-1420**  
**In vivo hyperoxic preconditioning reduces perfusion arrhythmias in the isolated rat hearts**  
Khalil Pourkhalili, Sohrab Hajizadeh  
Department of Physiology, School of Medicine, Tarbiat Modares University, Tehran, Iran.
Concurrent Scientific Session II A  
Cell Biology/Blood/Genetics/Toxicology  
Tuesday, November 11, 2008  
Venue: Auditorium

Chairperson: Dheer Singh  
Co-Chairperson: Shahnaz J Khan  
Secretary: Masood A Qureshi

0900-0920  Plenary Lecture  
Effect of Garlic (Allium sativum) on heavy metal induced alteration of hepatic antioxidant status and serum lipid profile of male albino rats  
Kusal K Das, Amrita Gupta, Salim A Dhundasi, Prakash C Dhara  
Environmental Health Research Unit, Department of Physiology, Al-Ameen Medical College, Bijapur-586108 Karnataka, India

0920-0930  Oral Presentations  
Role of vitamin E supplementation on serum levels of copper and zinc in hemolytic anemic patients with G6PD deficiency  
Sultana Nayma, Begum N, Begum S, Akhter S, Quraishi SB, Ferdousi S, T Ali  
Department of Physiology, Dhaka Dental College, Mirpur-14, Dhaka, Bangladesh

0930-0940  Angiotensin converting enzyme inhibitors impair recombinant human erythropoietin–induced erythropoesis in patients with chronic renal failure  
Kauser Abid, Irfan Z Qureshi, Abid L Qureshi  
Department of Animal Sciences, Quaid-e-Azam University, Islamabad

0940-0950  Stimulation of the creatine transporter SLC6a8 by the protein kinase mTOR  
Manzar Banoo Shojaiefard, Christieb DL  
Ebnecina Square, Medical Faculty of Fasa University, Fars, Iran

0950-1000  Correlation of platelet aggregation with serum lipids level in women taking hormonal contraception  
Asma Rashid, Rukhshan Khurshid, Nazifa Ahmed, Latif Aftab  
Department of Pathology & Biochemistry, Department of Surgery, FJ Medical College, Lahore

1000-1010  Anti-coagulatory role of an Ergot mesylate: Hydergine  
Fareeha Ambreen, Irfan Z Qureshi  
Department of Animal Sciences, Quaid-e-Azam University, Islamabad

1010-1020  Assessment of total and differential leukocyte count in patients with acute coronary syndrome  
Tahir A Munir, M Nasir Afzal  
Department of Basic Health Sciences, Shifa College of Medicine, H-8/4, Islamabad

1020-1030  Is Pyrazinamide really hepatotoxic? A study of 103 tuberculosis patients with hepatotoxicity in BVH, Bahawalpur  
Mohammad Ashraf, Ehsan ullah, Arif A Zaidi, Ghazali Hall,, Quaid-e-Azam Medical College, Bahawalpur

1030-1100  Tea
Concurrent Scientific Session II B
Endocrine & Metabolic Diseases
Tuesday, November 11, 2008
Venue: Auditorium

Chairperson: Amar K Chandra
Co-Chairperson: Hamid J Qureshi
Secretary: Abdul Majeed

1100-1120 **Plenary Lecture:**
Controlling obesity and restoring health with life style and dietary modifications
Anwar-ul-Hassan Gilani
Department of Biological & Biomedical Sciences, Aga Khan University, Stadium Road, Karachi

1120-1130 **Oral Presentations**
Creating awareness about obesity in university students studying physiology, using measurement of spinal shrinkage and heart rate
Talay Yar
Department of Physiology, College for Medicine, King Faisal University, Dammam, Saudi Arabia

1130-1140 **Predictors of microalbuminuria in the North Central Province of Sri Lanka**
Wanigasuriya JKP, Roshini J Peiris-John, Wickremasinghe AR
Department of Physiology Faculty of Medical Sciences, University of Sri Jayewardenepura,
Hena Road, Mount Lavinia, Sri Lanka

1140-1150 **Human alpha 1-microglobulin: its measurement and clinical significance in diabetic nephropathy**
Najla Shore, Rukhshan Khurshid, Farida Munnawar
Department of Physiology and Biochemistry, Fatima Jinnah Medical College, Lahore

1150-1200 **Effect of taking statins on liver in normal & hyper-cholesterolemic rabbits**
Ghazala Yasmeen, Lubna Naz, Nazish I Khan
Department of Physiology, University of Karachi, Karachi.

1200-1210 **Effects of combined interferon alpha and ribavirin therapy on thyroid functions in patients with chronic hepatitis C**
Amina Nadeem
Department of Physiology, Army Medical College, Rawalpindi

1210-1220 **Effect of low blood levels on anemia indicators and creatinine clearance rate of workers occupationally exposed to lead**
Fahmida Memon, GM Seehar, AGM Vasandani, MI Bhanger
Department of Physiology, University of Sindh, Jamshoro

1220-1230 **Life Style in relation to Health and Disease**
Masood A Qureshi, Basit Ansari, Zeeat Ayoob
Department of Physiology, Dow International University of Health Sciences, Karachi

1230-1330 **Lunch & Prayer**
Concurrent Scientific Session II C  
Endocrine & Metabolic Diseases  
Tuesday, November 11, 2008  
Venue: Auditorium

Chairperson: Edathil Vijayan  
Co-Chairperson: Anwar H Gilani  
Secretary: Farman ullah Wazir

1330-1350  Plenary Lecture  
Effect of green and black tea (Camellia sinesis) extracts of Indian origin on thyroid physiology in rats  
Amar K Chandra, Neela De  
Endocrinology & Reproductive Lab, Department of Physiology,  
University College of Sciences & Technology University of Calcutta, Kolkata, India

1350-1400  Oral Presentations  
Variations in Thyroid Hormones and Thyrotropin (TSH) during pregnancy: Physiological and pathophysiological considerations  
Shan Elahi, Saeed Ahmad Nagra, Muhammad Naeem  
Center for Nuclear Medicine (CENUM), Mayo Hospital, Lahore

1400-1410  Correlation between various obesity indices in adolescents aged 13-15 years  
Reema Irum, Sibgha Zulfiqar, N Rehan, Hamid J Qureshi, Sohail Iqbal  
Department of Physiology Services Institute of Medical Sciences, 6 Birdwood Road, Lahore

1410-1420  Effect of endurance exercise on brain natriuretic peptide  
Hafeez ullah, M Aslam, M Mazhar Hussain, Sohail Aziz  
Department of Physiology, University of Sargodha Medical College Sargodha

1420-1430  Alpha-1-acid glycoprotein excretion: a marker of early renal tubular damage in diabetes mellitus  
Gul-e-Raana, Rukhshan Khurshid  
Department of Physiology & Biochemistry, Fatima Jinnah Medical College, Lahore
Concurrent Scientific Session III A  
Neurosciences & Muscle Physiology  
Tuesday November 11, 2008  
Venue: Multipurpose Hall

Chairperson: Shah Abdul Latif  
C0-Chairperson: Zeenat Ayoob  
Secretary: Tehseen Iqbal

Oral Presentations

1430-1440  Effect of forced treadmill exercise on pain threshold in morphine addicted rats  
Khalil Saadipour  
Research Center of Physiology, Joundi Shapour Medical University, Ahwaz, Iran

1440-1450  Iron deficiency anaemia in adolescence; Effects on brain stem auditory evoked potentials in Sri Lankan females  
Department of Physiology, Faculty of Medical Sciences, University of Sri Jayewardenepura, Nugegoda, Sri Lanka

1450-1500  The role of finesteride (the 5 alpha-reductase inhibitor) on spatial learning and memory in adult male rats.  
Soheila Babanejad, Nasser Naghdi, S. Ali Haeri Rohani  
Department of Physiology and Pharmacology, Pasteur Institute of Iran, Tehran, Iran

1500-1510  Investigation of neuromuscular transmission- important model for studying reactivators of cholinesterase  
Christophor Dishovsky  
Department of Military Toxicology, Military Medical Academy, Sofia, Bulgaria

1510-1520  Cold stress- induced antinociception in mice is dependant on the potassium channel modulators  
F Z Zangeneh, Goodarzy A, M Rezayat  
Department of Physiology, School of Medicine, Tehran University of Medical Sciences, Tehran, Iran

1520-1530  Nerve conduction studies and neurological examination in type 2 diabetics for detection of sensorimotor polyneuropathy  
Ambreen Asad, M Amjad Hameed, Umar A Khan, Mujeebur Rahman, Butt A, Nadeem Ahmad  
Department of Physiology, Islamic International Medical College, Peshawar Road, Rawalpindi

1530-1540  Responses of vas deferentia to acetylcholine, adrenaline and their antagonist: A study on uromastix and rabbit  
Arifa Savanur, Saba M, Azeem MA, Tallat N  
Neuromuscular Res. Unit, Department of Physiology, University of Karachi, Karachi

1540-1550  Serum magnesium in type 2 diabetes mellitus  
Muhammad Shoaib, Hamid J Qureshi, Shahnaz J Khan  
Department of Physiology, Services Institute of Medical Sciences, 6 Birdwood Road, Lahore

1550-1600  Serum transferring receptors and ferritin levels as markers of iron deficiency during pregnancy  
Inam-ul-Haq, Idrees Farooq Butt  
Dept. of Physiology, Rawalpindi Medical College, Rawalpindi

1600-1630  Tea

1630-1730  SAAP General Council Meeting (for Council members only)
**Concurrent Scientific Session IIIB**  
**Neurosciences & Muscle Physiology**  
**Wednesday, November 12, 2008**  
**Venue: Multipurpose Hall**

**Chairperson:** Umar Ali Khan  
**Co-Chairperson:** Savi W Wimalasekera  
**Secretary:** Talay Yar

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<th>Session</th>
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<th>Authors</th>
<th>Institution</th>
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<tr>
<td>0900-0920</td>
<td><strong>Plenary Lecture</strong></td>
<td>Locus coeruleus and pain</td>
<td>Mir Shahram Safari, Abbas Haghparast, Abolhasan Ahmadiani, Saeed Semnanian</td>
<td>Department of Physiology, Faculty of Medicine Tarbiat Modares University, Tehran, Iran</td>
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<tr>
<td>0920-0930</td>
<td><strong>Oral Presentations</strong></td>
<td>Growth inhibition of human glioma cell line (A172) by curcumin</td>
<td>Ghulam Rehmani Lakho, Romena Qazi, Ather Enam, Qadri SAQ, AH Gilani</td>
<td>Department of Biological &amp; Biomedical Sciences, Aga Khan University Stadium Road, Karachi -74800</td>
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<td>0930-0940</td>
<td></td>
<td>Possible association between phenyl thiocarbamide taste sensitivity and diabetes mellitus</td>
<td>Rizwan Ali, Noor ul Amin, Ammara Sultan, Tehseen Iqbal</td>
<td>Department of Physiology, Quaid e Azam Medical College, Bahawal pur</td>
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<td>0940-0950</td>
<td></td>
<td>Effect of adrenaline on mechanical parameters obtained from gastrocnemius muscles of rabbit</td>
<td>Mudassir H Rizvi, M. Abdul Azeem</td>
<td>Department of Physiology University of Karachi, Karachi</td>
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<td>0950-1000</td>
<td></td>
<td>The effect of zinc chloride supplementation on passive avoidance learning in adult male rats</td>
<td>Zohre Valizadeh</td>
<td>Department of Physiology, School of Medicine, Shahid Chamran University, Ahwaz, Iran</td>
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<tr>
<td>1000-1010</td>
<td></td>
<td>Autonomy in the light of Eqbal’s thoughts</td>
<td>Mohammad Mehrasa, Seyed Morteza Karimian</td>
<td>Department of Anesthesiology, Kurdistan University of Medical Sciences, Sanandaj, Iran</td>
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<td>1010-1020</td>
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<td>Aging: A mysterious human behaviour</td>
<td>Saadat A Khan</td>
<td>Department of Physiology, Foundation University Medical College, Rawalpindi</td>
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<td>1020-1030</td>
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<td>Evaluation of hyperpolarization potentials and nerve conduction parameters in axonal neuropathic patients</td>
<td>Azeeem MA, Nabeeh IA, Amir M, Anwar A, Najmuddin F, Illyas M</td>
<td>Department of Physiology, Umm-Al- Qura University, Makkah, Saudi Arabia</td>
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<td>1030-1100</td>
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<td>Tea</td>
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Concurrent Scientific Session IVA
Reproduction & Fertility Regulation
Wednesday, November 12, 2008
Venue: Auditorium

Chairperson: Nirmal K Lohiya
Co-Chairperson: Arif A Zaidi
Secretary: Mevo K Zardari

0900-0920 Plenary Lecture
Elusive mechanisms underlying onset of puberty in primates
Mohammad Arslan
Department of Physiology & Cell Biology
The Centre for Research in Endocrinology and Reproductive Sciences University of Health Sciences, Lahore

0920-0940 Plenary Lecture
Cloning expression and hormonal regulation of aromatase gene in buffalo ovary
Deepti, SAndeep Ghai, Dheer Singh
Molecular Endocrinology Lab. National Dairy Research Institute, Karnal 132001, India

0940-0950 Comparative study of intra-cytoplasmic sperm insemination outcome through sperm retrieval procedure in men with azoospermia
Shazia Ali, Samina Jalali, Nasim Ashraf,, Anjum Siddique, Sajjad Shakil, Sarwat Jahan, M Amjad Hameed
Department of Physiology, Islamic International Medical College, Peshawar Road, Rawalpindi

0950-1000 Status of serum leptin levels in females with infertility
Riffat Shafi, M Nasir Afzal
Department of Basic Medical Sciences, Shifa College of Medicine, Sector H-8/4, Islamabad

1000-1010 Evidence that evolutionary conserved RF amide neuropeptides stimulate prolactin secretion in the adult male rhesus monkey (Macaca mulatta)
Hina Salahuddin, Fazal Wahab, Mariam Anees, Jerome Leprince, Hubert Vaudry, Manuel Tena-Sempere, Muhammad Shahab
Laboratory of Reproductive Neuroendocrinology, Department of Animal Sciences Faculty of Biological Sciences Quaid-i-Azam University, Islamabad.

1010-1020 Peripheral kisspeptin challenge inhibits fasting and hypoglycemia stimulated cortisol secretion in adult male rhesus monkey (Macaca mulatta)
Fazal Wahab, Farzana Aziz, Muhammad Shahab
Laboratory of Reproductive Neuroendocrinology Department of Animal Sciences Faculty of Biological Sciences Quaid-i-Azam University Islamabad

1020-1030 A study of sperm morphology in a Pakistani population
Mohammad Owais Ahmad, Saadat Khan, M. Amjad Hameed, Umer Ali Khan
Department of Physiology, Foundation University Medical College, Rawalpindi

1030-1100 Tea
Scientific Session IVB
Reproduction of Fertility Regulation
Wednesday, November 12, 2008
Venue: Multipurpose Hall

Chairperson: Kusal Das
Co-Chairperson: Mohammad Arslan
Secretary: Zafar Tanveer

1100-1120  Plenary Lecture
Novel interactive signal Molecules in the hypothalamus regulating GnRH release
Edathil Vijayan
Centre for Neuroscience, Department of Biotechnology, Cochin University of Sciences & Technology, Kochi, Kerala, India

1120-1140  Plenary Lecture
Recent advances and challenges in developing new methods of male contraception
Nirmal K Lohiya, Goyal S, Ansari AS, Manivannan B
Department of Zoology, University of Rajasthan, Jaipur, India

Oral Presentations
1140-1150  Activation of sympathetic nervous system and hypothalamo-pituitary unit in women undergoing thyroidectomy
Syed Shakeel Rizvi, Shaista Aslam, Afzaal Naseem, Hafsah M Chishti, Robina Iftikhar, Arshad Shahani, Shahnaz Murtaza,
Pakistan Science Foundation, Constitution Avenue, Islamabad

1150-1200  Contraceptive potential of Nigela sativa seeds extracts: An in vitro study
S Abdul Saeed, Sumera Ashraf
Department of Biological & Biomedical Sciences, Aga Khan University Stadium Road, Karachi-74800

1200-1210  Insulin resistance and levels of serum leptin, gonadotropins and testosterone in male children of diabetic parents
Adeela Uzma, Sadia Saeed, Muhammad Arslan
Department of Physiology & Cell Biology and The Centre for Research in Endocrinology and Reproductive Sciences, University of Health Sciences, Lahore

1210-1220  Severe hyperprolactinemia directly depresses the gonadal activity causing infertility
Shahroona Masud, Zafar Tanveer
Department of Physiology, Sheikh Zayed Medical College, Rahim Yar Khan

1220-1230  Effects of antioxidants supplementation on basal testosterone cortisol ratio in male Sprague Dawley rats
Ghuslam Mustafa Lodhi, Idrees F Butt, M Mazhar Hussain, Mohammad Aslam
Department of Physiology Army Medical College Rawalpindi

1230-1240  Y chromosomal micro-deletions in a local infertile male population
Ayesha Siddique
Department of Physiology, King Edward Medical University, Lahore

1240-1330  Lunch/ Prayers
Closing Ceremony
Venue: Auditorium

(Programme)

Guests to be Seated
Arrival of the Chief Guest
Tilawat
Introduction of SAAP Office Bearers (Secretay-General, SAAP)
Introduction of PPS Office Bearers (General Secretary, PPS)
Conference Recommendations (Chairman, Org. Committee)
Address (Chief Guest)
Vote of Thanks (Secretary, Org. Committee)

Tea
Sight Seeing / Visit Islamabad

01:30 pm
01:35 pm
01:40 pm
01:45 pm
01:50 pm
01:55 pm
02:05 pm
02:20 pm
02:30 pm
03:00 pm