

# **Poster Presentation**

**10<sup>th</sup> November 2008**

## **MEDICAL EDUCATION**

- 1 **Action research: An approach for the teachers in higher education.**  
**Ghazala Yasmeen**, Lubna Naz, Nazish I. Khan  
Department of Physiology  
University of Karachi  
Karachi.
  
- 2 **An analysis of summative assessment procedure (Written) in undergraduate physiology course in Bangladesh**  
**Taskina Ali**, Noorzahan Begum, Manzare-e-Shamin, Kazi Saifuddin Bennoor  
Department of Physiology  
Bangabandhu Sheikh Mujib Medical University  
Dhaka, Bangladesh.
  
- 3 **Facilitation in problem-sed learning curriculum: Constraints and solutions**  
**S. Abdul Saeed**, Philippe Frossard  
Department of Biological & Biomedical Sciences  
Aga Khan University  
Karachi.
  
- 4 **Framework to determine the effectiveness of assessment system in Years 1 & 2 of a Medical University**  
**Sheilla Pinjani**  
Department of Educational Development  
Aga Khan University  
Stadium Road  
Karachi-74800

## **NEUROSCIENCES AND MUSCLE PHYSIOLOGY**

- 1 **The effect of L-Arginine, on effect tolerance to morphine in ovariectomized rats**  
**Mahmoud Hosseini**, Nemati Karimooy, Habib Allah, Khoshnood  
Department of Physiology, School of Medicine  
Mashhad University of Medical Sciences  
Mashhad, Iran.
  
- 2 **Effect of treadmill forced exercise on passive avoidance memory in addicted rats**  
**Khalil Saadipour**  
Research Center of Physiology  
Joundi Shapour Medical University  
Ahwaz, Iran

- 3 **Identifications of cut values for the differentiation between demyelination and primary axonal degeneration**  
**Amir MS**, Azeem MA, Nabeeh IR, Najam Uddin F  
Department of Physiology,  
Umm-Al- Qura University,  
Makkah, Saudi Arabia.
- 4 **Sleep and wakefulness during holy month of Ramadan**  
**Aiza Saadia**, Saadat A Khan  
Department of Physiology  
Foundation University Medical College Rawalpindi
- 5 **Prevalence and socio-demographic correlation of anxiety and depression among medical and dental students in Multan, Pakistan**  
**Nauman A Jadoon**, Rehan Yaqoob, Ali Raza, Zeeshan S Choudhry  
Student, Room no. 376, Qasim Hall Nishtar Medical College  
Multan
- 6 **The prevalence depression in adults with diabetes and associated factors**  
**Nauman A Jadoon**, Asif Shehzad, Waqar Munir, Irfan Bashir, Tehseen Iqbal  
Student, Room no. 376, Qasim Hall Nishtar Medical College  
Multan
- 7 **Incidence of myopia in school going children of Rahim Yar Khan (Student)**  
**Annus Bin Fazal**, Zafar Tanveer  
c/o Department of Physiology  
Sheikh Zayed Medical College  
Rahim Yar Khan
- 8 **Effect of cast immobilization on contractile characteristics of skeletal of Uromastix hardwickii**  
**Najam Uddin F**, Azeem MA, Department of Physiology Umm-Al- Qura University
- 9 **Comparison of the graded mechanical response of visceral smooth muscle tissues and measurement of their series elastic component stiffness. A study on reptile Uromastix hardwickii**  
**Tallat N**, Arifa S, Azeem MA, Saba M Neuromuscular Res. Unit Department of Physiology  
University of Karachi, Karachi
- 10 **Identification of cholinergic receptors in the heart of reptile Uromastix: a study on electrical & mechanical activity of exposed heart**  
**Erum Yawar**, Saima Ejaz, M Abdul Azeem, Neuromuscular Res. Unit, Department of  
Physiology, University of Karachi, Karachi,
- 11 **Spinacia oleracea tend to normalize exaggerated epileptic disorders**  
**Debjani Guha**, Sutapa Das ,S.N. Pradhan  
Centre for Neurosciences  
University of Calcutta, 244B, A. J. C. Bose Road,  
Kolkata- 700020, West Bengal, India.

- 12 **The effects of exposure to low frequency electromagnetic field on the plasma glucose, insulin, triglyceride and cholesterol of male rats**  
**Aminollah Bahaoddini**  
Department of Biology  
Shiraz University College of Sciences Shiraz  
Fars, Iran
- 13 **Type of goiter, thyroid hormone profile and phenylthiocarbamide taste sensitivity**  
**Kamran Mushtaq**, Abrbz Sipra, Arslan Ahmad, Tehseen Iqbal  
Department of Physiology  
Quaid-e-Azam Medical College  
Bahawalpur

## **GENERAL**

- 1 **Study of prevalence of multidrug resistant gram negative bacteria.**  
**Sabahat Saeed**, Asma Naim, Perween Tariq  
Department of Microbiology  
University of Karachi  
Karachi
- 2 **Comparative study on antibacterial drugs usage in poultry farms and public health hazards in Tehran and Qum provinces**  
**Faghihi Muhammad**  
Dept of Pharmacology  
University of Tehran  
Tehran, Iran.
- 3 **To study the level of acrylate esters in effluent discharge of industrial areas**  
**Asima Malik**, Rukhshan Khurshid  
Department of Biochemistry Fatima Jinnah Medical College Lahore
- 4 **Occurrence of refractive errors in patients at Khyber Teaching Hospital, Peshawar**  
**Saira Fareed**

**11<sup>th</sup> November 2008**

**CELL BIOLOGY/BLOOD/GENETICS/TOXICOLOGY**

- 1 **Study on Clopidogrel in inhibition of platelet aggregation in suspected angina patients treated with a daily dose of 75 mg of clopidogrel for 7 days**  
**Hamzullah Khan**, Hikmatullah, Jan, Mohammad Faheem, Mohammad Hafizullah  
Department of Cardiology  
Postgraduate Medical Institute  
Govt. Lady Reading Hospital  
Peshawar
- 2 **Protective effect of curumin longa against photochemically induced platelet aggregation in cerebral arterioles of mice**  
**Sarabjit Singh**, Fahim MA  
Department of Physiology  
Faculty of Medicine and Health Sciences  
UAE University  
Al-Ain, UAE.
- 3 Pancytopenia  
**Saleh M Tareen**, Dr. Saleh Clinic, Nawa Killi, Quetta.
- 4 **Distribution of ABO and Rh blood groups among population of Swat (North of Pakistan)**  
**Rashida Bhatti**, Subhanullah, DM Shaikh  
Department of Physiology,  
University of Sindh Jamshoro
- 5 **Comparison of serum lipid levels in patients suffering from osteoarthritis**  
**Khurram Irshad**, M Nasir Afzal  
Department of Basic Health Sciences  
Shifa College of Medicine Islamabad
- 6 **The structure of the pro-apoptotic protease granzyme H reveals the molecular determinants of its substrate specificity**  
**Naheed Z Razvi**, Rukhshan Khurshid  
Department of Biochemistry  
CMH, Lahore
- 7 **Angiotensin enzyme inhibitors impair recombinant human erythropoietin induced erythropoiesis in patients with chronic renal failure**  
**Kausar Abid**, Irfan Z Qureshi, Abid L Qureshi,  
Department of Animal Sciences  
Quaid e Azam University  
Islamabad

## CARDIOPULMONARY PHYSIOLOGY

- 1 **Plan of action and strategies to combat smoking in children and youth: School and hospital based study**  
**Hamzullah Khan**, Mir Hassan Khan, Zainullah Khan, Muhammad Zakir, Hamid Nawaz, Muhammad Tahir, Hikmatullah Jan  
Department of Cardiology Postgraduate Medical Institute  
Govt. Lady Reading Hospital  
Peshawar
- 2 Predictive role of baseline 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
- 3 **The inotropic and chronotropic effects of aqueous-ethanolic extract from achillea millefolium on rat isolated heart**  
**Saeed Niazmand**, Saberi Z  
Department of Physiology, School of Medicine,  
Mashhad University of Medical Sciences,  
Mashhad, Khorasan, Iran
- 4 **Effect of respiratory exercises on respiratory status of asthmatic patients**  
**Mohammad Aldaghy**, Yoseffy B, Taherian A, Tabrizi Amjad H, Safary M, Bidkhory A  
Department of Anatomy & Physiology  
Semnan University of Medical Sciences  
Semnan, Iran.
- 5 **The study of garlic on hypertension in Gold blatts rats model**  
**Ali A Vahidinia**, Mohammad Zarei, Behnam Heshmatian, Iraj Salehi  
Department of Physiology  
School of Medicine, Isfahan University of Medical Sciences  
Isfahan, Iran.
- 6 **Assessment and comparison of cardiovascular risk factors among smokers and tobacco chewers**  
**Qamar Amin**, Nazish I Khan, Naz L, G Yasmeen  
Department of Physiology,  
University of Karachi  
Karachi 75270
- 7 **Effect of inspiratory muscle training on breathlessness during bicycle ergometry**  
**Mohsin Yakub**  
Department of Biological & Biomedical Sciences  
Aga Khan University  
Stadium Road, Karachi

- 8 **C-reactive protein and acute coronary syndrome: Correlation with traditional risk factors, diagnostic cardiac biomarkers, markers of coagulation, ejection fraction and incidence of adverse cardiac events**  
**Tahir A Munir**, M. Nasir Afzal  
Department of Basic Medical Sciences,  
Shifa College of Medicine Islamabad
- 9 **Comparison of vasodilatory effects of insulin on foot skin vessels of healthy and diabetic rats in normal and exercise conditions.**  
**Barabadi Zahra**, Hajizadeh Ssohrab  
Department of Physiology  
School of Medicine  
Tarbiat Modares University  
Tehran, Iran.
- 10 **Brain natriuretic peptide, systolic and diastolic pressures**  
**Meh Jabeen**, Akbar Khoja, Azhar Iqbal, Uzma Iftikhar, Muhammad Furqan  
Department of Physiology  
Hamdard College of Medicine and Dentistry  
Hamdard University  
Karachi
- 11 **Relationship between hyper-prolactinemia and hypertension**  
**Nazish Rafique**, M Nasir Afzal  
Department of Basic Medical Sciences  
Shifa College of Medicine  
Islamabad
- 12 **Comparison of FEV/FVC ratios in pregnant and non-pregnant females**  
**Shazia Batool**, Rabbia Shakoor, Nabila Rafey, Zafar H Tanveer  
c/o Department of Physiology  
Shaikh Zayed Medical College  
Rahim Yar Khan
- 13 **Prevalence of Jervell lange and Nelsen syndrome i.e. large QT interval in deaf children of Rahim Yar Khan and its significance in relation to cousine marriages**  
**Ammar Anwar**, Ali Shakeel, Sharoona Masud, Zafar H Tanveer  
c/o Department of Physiology  
Shaikh Zayed Medical College  
Rahim Yar Khan
- 14 **Correction of serum level of progesterone with FVC and FEV<sub>1</sub> in different phases of menstrual cycle**  
**Sultan Rokeya Mannan**  
Department of Physiology  
Northern International Medical College  
Dhaka, Bangladesh

**12<sup>th</sup> November 2008**

**ENDOCRINE AND METABOLIC DISORDERS**

- 1 **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
- 2 **Study of protein biomarker for diabetes type 2 and role of thiamine on their level**  
**Samreen Riaz**  
Department of Microbiology & Molecular Genetics  
University of Punjab, New Campus, Lahore
- 3 **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
- 4 **Measurement of body composition and somatotype of human being with dysplasia**  
**Anup Adhikari**  
Exercise Physiologist and Kinanthropometerist, 93 Bangur Avenue, Block A  
Kolkata-700055, India
- 5 **A study of secular trends in anthropometric profile of infants in Kota, Rajasthan**  
**Virendra Singh Godhara**  
I-12, Jawaharnagar  
Kota-324 005  
India
- 6 **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
- 7 **The effect of feeding Brassica juncea on hyperlipidemia in experimental animals**  
**Emad M**, Yasmeeen G, Khan NI, Naz L, Hussain Z  
Department of Physiology  
University of Karachi  
Karachi 75270

- 8 **Serum concentration of thyroid hormones and thyrotropin (TSH) in patients presenting with euthyroid goiter**  
**Humaira Rasheed**, Shan Elahi, Muhammad Naeem  
Department of Chemistry  
University of Engineering and Technology  
Lahore
- 9 **To study the structure function relationship of HER 2 in breast cancer**  
**Rukhshan Khurshid**  
Department of Biochemistry,  
Fatima Jinnah Medical College  
Lahore
- 10 **Metabolic syndromes on the rise in Pakistani adolescents**  
**Madiha Ahmad**  
Department of Physiology,  
Federal Post Graduate Medical Institute  
Sheikh Zayed Medical Complex  
Lahore
- 11 **Serum Surfactant Protein D levels are associated with body mass index in Pakistani population.**  
**Tania Shakoori**, Syed Nazim Bokhari, Farkhanda Ghaffoor, Saira Bashir  
Department of Physiology, Sheikh Zayed Post Graduate Medical Institute, University of Punjab, Lahore.
- 12 **Goiterogenic risk factors in district Swat, Pakistan**  
**Asif Khan**, M Ilyas  
Final Year MBBS;  
Gomal Medical College  
Dera Ismail Khan

## **REPRODUCTION AND FERTILITY REGULATION**

- 1 **Testicular macrophage function is modulated differentially by testosterone release**  
**Arif Siddiqui**, Saeeda Shaharyar, Sehrish Fatima  
Department of Biological & Biomedical Science  
Aga Khan University  
Stadium Road  
Karachi
- 2 **Biological basis of skewed sex ratio**  
**Ashutosh Halder**  
Department of Physiology  
All India Institute of Medical Sciences, Ansari Nagar  
New Delhi, India

- 3 **Effect of peripheral kisspeptin administration on insulin and leptin secretion under fed and fasting condition in adult male rhesus monkey (*Macaca mulatta*)**  
**Fazal Wahab**, Riffat Bano, Tanzeela Riaz, Shahzad Irfan, Muhammad Shahab  
Laboratory of Reproductive Neuroendocrinology  
Department of Animal Sciences Faculty of Biological Sciences  
Quaid-i-Azam University  
Islamabad
- 4 **Post ejaculatory effects of sildenafil citrate (Viagra) on sexual responses in diabetic neuropathic men**  
**Syed Tabrez Ali**, Nabeeh I Rakkah  
Department of Physiology  
Umm-Al- Qura University  
Makkah, Saudi Arabia.
- 5 **Effects of amlodipine besylate on testicular histology in rats**  
**Rabia Latif**, Mohammad Aslam, M Mazhar Hussain, Idrees F Butt, Azhar Mubarak, Alia Zubair  
Department of Physiology  
Army Medical College  
Rawalpindi
- 6 **Evaluation of bone density and risk factors of osteoporosis in pre/ peri - menopausal age groups of Pakistani women**  
**Farida Hafeez**, Sibgha Zulfiqar, Shahid Hassan, Rukhshan Khurshid  
Department of Physiology  
Fatima Jinnah Medical College  
Lahore
- 7 **A study of sperm morphology in a Pakistani population**  
**Mohammad Owais Ahmad**, Saadat Khan, M. Amjad Hameed, Umar Khan  
Department of Physiology, Foundation University Medical College Rawalpindi
- 8 **Y chromosomal micro-deletions in a local infertile male population**  
**Ayesha Siddique**  
Department of Physiology  
King Edward Medical University  
Lahore