Faculty of Health Sciences  
Medical College  

September 11, 2014

Dean  
Baharia University Medical & Dental College  
13, National Stadium Road,  
Karachi.

Dear Sir / Madam,

The Department of Biological and Biomedical Sciences in collaboration with the Department of Continuing Professional Education, Aga Khan University (AKU), Karachi, Pakistan is pleased to announce a workshop on "Infection, Immunity, Inflammation and Therapy" on October 15-16, 2014. Brief workshop information is given below for your reference.

ABOUT THE WORKSHOP:
Using selected examples of viruses (Ebola), bacteria (TB), protists (brain-eating amoebae), and fungi (Aspergillus), the course will explore the inter-relationships of humans with pathogens, infectious processes and therapeutic interventions. This course will enable participants to integrate basic concepts of microbiology, immunology, pathology and pharmacology to study infectious diseases

LEARNING OUTCOMES:
Upon completion of this workshop the participant should be able to:

1. have attained the ability to integrate concepts of microbiology, immunology, pathology and pharmacology.
2. know how a microbial infection can result in a pathological insult and how the understanding of this relationship can lead to an effective pharmacological intervention.
3. understand the molecular mechanisms of the immune system of mammals, how microbial pathogens set up an infection, virulence, evasion of the immune response, control/therapy of disease, using selected examples of viruses, bacteria, protists and fungi.
4. research the disease process of one organism and presented as oral presentation

WHO SHOULD ATTEND?
General public, Health care professionals, Physician, Nurses, Students, Faculty, Fellows and Residents.
MEDIUM OF INSTRUCTION:
As English is the exclusive language of instruction, participants must be comfortable to read, write and speak in English language.

DURATION OF THE COURSE:
Two days

COURSE FEE:
Rs.1,000 per participant

DEADLINE TO RECEIVE APPLICATIONS:
Participants will be selected on first come first serve basis, and the criteria set by the programme. Kindly send brief CV along with filled out Registration Form latest by October 10, 2014 to:

Mr. Irfanullah Baig
Coordinator TLA
Department of Biological and Biomedical Sciences
Aga Khan University, Stadium Road
P.O. Box 3500, Karachi 74800, Pakistan.
Telephone #: +9221 3486 4462
E-mail: irfan.baig@aku.edu

May we request you to kindly share this information with the faculty, staff and students in your institution.

For any query you may email to irfan.baig@aku.edu

Thanking you.

Yours sincerely

Dr. Naveed Ahmed Khan
The Feerasta Family Chair and Professor
Department of Biological and Biomedical Sciences
Aga Khan University, Stadium Road, Karachi, 74800
Tel: +9221 3486 4540 / 4541
Email: naveedahmed.khan@aku.edu

NB: Brochure and registration form is attached. You may photocopy the form if required.
Wednesday, October 15, 2014 | 9:00 - 17:30 HRS

**Registration Fees and Mode of Payment:**

- **Early Bird (before 30th September):** $200
- **Regular (after 30th September):** $250

To register, please complete the attached registration form and return it along with the registration fee.

**Learning Objectives:**
- To review current trends in the understanding of immune response and proinflammatory cytokines.
- To explore the role of T cells in immune response.
- To understand the basic concepts of immunology.
- To integrate basic concepts of microorganisms and microbiology.
- To incorporate basic concepts of microorganisms and microbiology.

**Course Description:**

This workshop will explore the integration of human with microbial (probiotic) interactions and focus on the current trends in the understanding of immune response and proinflammatory cytokines.
THE AGA KHAN UNIVERSITY

Infection Immunity, Inflammation and Therapy
October 15-16, 2014
Venue: CHS Class Room
Timings: 0900 – 1730

REGISTRATION FORM

Name: __________________________________________

Title/Designation: __________________________________________

Degree: ___________________ Year: ___________________

Institution: __________________________________________

Mailing Address: __________________________________________

Postal Code: __________ City: ___________________ Country: __________

Contact Number (official) ___________________ Res. ___________________

Mobile: ___________________ Email: ___________________

Registration Fee: Rs. 1000

The Department of Continuing Professional Education, Aga Khan University, designates CPE credits as per DCPE-AKU Category 1.

Last Date of Registration: October 10, 2014

(Photocopy of this form is also acceptable)