interactions between scientists and students of health care sciences. The organizing committee is planning to invite a large number scientists and resource persons to deliver lectures, and conduct workshop sessions in this event.

Patron-in-Chief,  
International Center for Chemical and Biological Sciences  
University of Karachi, Karachi-75270, Pakistan

PROF. DR. M. IQBAL CHAUDHARY, M.I., S.I., T.I.  
Director / Chairman  
International Center for Chemical and Biological Sciences  
University Of Karachi, Karachi – 75270, Pakistan

PROF. DR. VIQAR U. AHMED, H.I., S.I.  
Prof. Dr. Bina S. Siddiqui, S.I., T.I.  
Prof. Dr. Shaheen Faizi, S.I.  
Prof. Dr. Sabirah Begum, P.P.  
Prof. Dr. Muhammad Shaiq Ali, T.I.  
Prof. Dr. Khalid M. Khan, T.I., S.I.  
Prof. Dr. Zafar Saied Sally  
Prof. Dr. Fatima Basha, S.I.  
Prof. Dr. Darakhshan J. Haleem  
Prof. Dr. M. Isqbal Banger, P.P.  
Prof. Dr. Faizana Shaheen  
Prof. Dr. Syed Abid Ali  
Prof. Dr. M. Raza Shah, T.I.  
Prof. Dr. Syed Gulam Musharraf  
Dr. Asmat Salim  
Dr. Shabana U. Simjee  
Dr. Zakeen-ul-Haq Qasmi  
Dr. Measood A. Chotani  
Dr. Sammer Youssuf  
Dr. Shahnal Ahmad  
Dr. Haftaz Rahman  
Dr. Altaf-ul-Wahab  
Dr. Muhammad Imran Malik  
Dr. Hina Siddiqui  
Prof. Dr. Reza Uddin  
Dr. Ishaq Ahmad Khan  
Dr. Abdul Hameed  
Dr. Syed Tariq Moin  
Dr. Sadia Ajaz  
Dr. Sobia Rana  
Dr. Almas Jabeen  
Dr. Munaza Raza  
Dr. Inna Khan  
Dr. Gulshan Mustafa  
Dr. Ayaz Ahmed  
Dr. Muftassar Azhar  
Dr. Saima Rasheed  
Dr. Mujeeb-ul-Rehman  
Dr. Malik Shoaib Ahmad  
Dr. Aslan Alli  
Dr. Maria A. Khan  
Dr. Humaira Zafar  
Dr. Naghma Hashmi  
Dr. Asma Rafaq  
Dr. Naghma Naz

Ms. Zeinab Jabbari  
Director of International Cooperation Group,  
Ayanadegan Institute of Policy Studies and Strategic Analysis  
Tehran, Iran.

Mr. Mohammad Mahdi Jafari  
Director of Event Policy Department,  
Ayanadegan Institute of Policy Studies and Strategic Analysis  
Tehran, Iran.

COMMITTEE MEMBERS

Dr. Rana Zeeshan Haider  
Dr. Salman Ahmed Khan  
Dr. Sayed Ali Raza Shah  
Dr. Ambreen Khatoon  
Dr. Ghayas Uddin Siddiqui  
Dr. Zarmin Basharat  
Dr. Muhammad Irfan  
Dr. Muhammad Shakeel  
Dr. Asad Karim Ali  
Dr. Muhammad Rashid

International Management

Mr. Mahmood Alam  
Mr. Raheel Baig  
Mr. Javed Riaz

National Management

Leading-edge Research Facilities at the ICCBS
INVITATION

Dear Colleagues

We are pleased to invite you to the 5th Science and Technology Exchange Program on “Cutting Edge Pharmaceutical Approaches to Meet the Emerging Health Challenges of CDs and NCDs” with an emphasis on Female Scientists’ Contributions, which will be held during February 27 - March 02, 2019, at the Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi, Karachi, Pakistan.

The STEP-5 meeting is aimed to bring together leading experts, researchers, and pharmaceutical scientists to exchange and share their experiences, and research results on various aspects of communicable and non-communicable diseases. It will also provide an interdisciplinary forum for scientists and practitioners to present their latest research results, ideas, and technological developments, and applications in relevant sectors of health care.

The meeting will provide a scientific platform for scholars, institutions, and industries for the interactive exchange of state-of-the-art knowledge and for technology transfer. The event will focus on current understanding of disease processes, prevention, and diagnosis, and drug discovery and development.

Pakistan is a fascinating country, full of vitality, cultural diversity, enriched nature and culinary delights. We hope the dynamic and magical spirit of Karachi city will be conducive to host STEP-5 meeting in collaboration with the Mustafa’s Science and Technology Foundation (MSTF).

On behalf of the Organizing Committee, we wish you all a very warm welcome to Karachi in February 2019.

PROF. DR. M. IQBAL CHOUDHARY, M. S. I., T. I. (pbuh)
Director ICCBS | Chairman STEP-5

The event will be held at the beautiful premises of the International Center for Chemical and Biological Sciences at the University of Karachi. The ICCBS campus is located at about 20 minutes drive from the Jinnah International Airport and about 40 minutes from the largest shopping area in the center of the city. Banks, post office, stores, restaurants and travel agencies are also located within short distances of the event venue. Evening bus shuttles will run during the event for the participants staying on-campus, to take them to various shopping centers and other attractions in the city.

VENUE

The official language of the conference will be English.

LANGUAGE

You are requested to apply for a visa to the nearest Pakistani Embassy or High Commission. Participants from countries with no Pakistani diplomatic mission should also write to the Secretariat in advance. A formal invitation letter would be required from the Chairman Organizing Committee for this purpose.

VISA

Karachi has a modern international airport, which provides connections to all major cities of the world. Many airlines of the world have frequent flights to Karachi, since the city provides a major route linking with the Far East as well as with the Middle East, Europe, and USA. Pakistan International Airlines (PIA) is the national flag carrier. Your travel agent or relevant web-sites can provide you with full details on travel to Pakistan.

TRAVEL

All plenary and invited speakers will be accommodated in the International Guest houses of ICCBS, which has excellent housing facilities. However other participants can reserve their accommodation on-campus through an advance request. Complementary transportation will be provided to them during the event.

SHIPPING

Karachi rightly boasts of rich oriental bazaars as well as modern shopping plazas. Bargaining is not uncommon in the market places. Leather, wollen, cotton, brass, copper and wood works are some of the specialties. Onyx ware is in abundance. Gold and silver jewellery, intricately handcrafted, is also a major attraction. Pakistani carpets and rugs, leather goods, cotton cloths, and jewellery are among the best in the world.

CALL FOR PAPERS / POSTER

Abstracts for papers and posters must be in English. The poster board size should be 1.2 m x 1.8 m. Kindly send your abstracts to the secretariat (Dr. Panjwani Center for Molecular Medicine and Drug Research, University of Karachi - Center for Chemical and Biological Sciences, University of Karachi, Karachi- 75270, Pakistan).

The qualified papers and posters will be presented and assessed by eminent scientists during the program, and the selected ones will be awarded with prizes and shields.

PAKISTAN’S BASIC FACTS

Area: 8,03,943 sq. km
Population: 195 million
Capital: Islamabad

Tourist Destinations:

Himalayas

Languages:

National language Urdu, English is widely used in correspondence and communication. Panjabi, Sindhi, Pashtu and Baluchi are the principal regional languages.

WEATHER

Karachi is usually sunny and pleasant in February - March with average day temperature of 33-24 °C and the night temperature falling to 22-19 °C. These months are considered spring time in the city, when the skies are usually clear blue, therefore, the best time to visit Karachi.

For a section of the coastal area, the climate in Pakistan is relatively dry. Winters from November to February have chilly nights and bright sunny days with severe winter and snow in the Northern Areas. The summers are hot from April to August with heavy rains in July and August in the plains of the Punjab and the Northern Areas. Karachi, however, remains temperate as a pleasant breeze blows from the Arabian Sea.

PAKISTANI CUISINES

Pakistan food is rich and generally meat based. All restaurants offer a range of “Kababs”, barbecued chicken and grilled meat variously spiced and marinated. The most popular meat is chicken followed by beef. Beef kababs are also popular. Flattened bread (“naan”) is baked in a deep gas or coal-fired or flabby bread (“paratha”) pit is invariably served with all meals. If you like curry, there is a wide variety available everywhere. The popular local drinks are “lassi” (yogurt beaten to a rich paste with water and sugar added) or fresh lime in water sweetened with a rich helping of sugar. The food is not expensive. However take care because you should not add water or raw vegetables since germs are notorious for their passion for visiting “juicy and delicious” foreign visitors!

Handicrafts of Pakistan

The Fantastic Mountains of Pakistan

ACCOMMODATION

Participants from Abroad

Kindly send applications, along with complete CV, to step5@mustafaisprize.org

Local Participants

ICCBS will cover all expenses of selected local participants, except travelling. Kindly send your abstracts to the above email.

REGISTRATION

TRAVEL

Karachi rightly boasts of rich oriental bazaars as well as modern shopping plazas. Bargaining is not uncommon in the market places. Leather, woolen, cotton, brass, copper and wood works are some of the specialties. Onyx ware is in abundance. Gold and silver jewellery, intricately handcrafted, is also a major attraction. Pakistani carpets and rugs, leather goods, cotton cloths, and jewellery are among the best in the world.

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