



3rd International Symposium-cum- Training Course on Molecular Medicine and Drug Research January 3 – 6, 2011



Organized by

**DR. PANJWANI CENTER FOR MOLECULAR
MEDICINE AND DRUG RESEARCH**

**INTERNATIONAL CENTER FOR CHEMICAL AND
BIOLOGICAL SCIENCES,
UNIVERSITY OF KARACHI,
KARACHI, PAKISTAN**

INVITATION



It gives me great pleasure to invite you to attend the 3rd International Symposium-cum-Training Course on Molecular Medicine and Drug Research to be held in Karachi, Pakistan, during January 3-6, 2011.

Over 100 eminent scientists and researchers from 30 countries have been invited to participate in this important international event in the field of molecular medicine.

Pakistan is a fascinating country, full of vitality, cultural diversity, rich natural beauty and culinary delights. We hope the dynamic and magical spirit of Karachi city will be conducive to provide milieus, stimulating exchange of scientific knowledge between scientists in the field of molecular medicine from all over the world. It is also hoped that this meeting will foster stronger research ties between the participating scientists representing different regions.

On behalf of the Organizing Committee, I wish you all a very warm welcome to Karachi in January 2011.

PROF. DR. ATTA-UR-RAHMAN, FRS

*Nishan-i-Imtiaz, Hilal-i-Imtiaz, Sitara-i-Imtiaz, Tamgha-i-Imtiaz
Patron-in-Chief, ICCBS*

VENUE

The symposium will be held at the beautiful campus of the International Center for Chemical and Biological Sciences, University of Karachi. The ICCBS campus is located at about 30 minutes drive from the Jinnah International Airport and about 40 minutes driving distance from the largest shopping areas in the center of the city. Bank, post office, stores, restaurants and travel agencies are also located within short distance of the conference venue. Evening bus shuttles will run during the symposium for the scientists staying on-campus, to take them to various shopping centers and other attractions in the city.

SCOPE

Molecular medicine is an emerging field that deals with the advances in molecular and cellular biology to characterize how a normal cellular process either fails or succeeds in subverting the disease. New knowledge in the field of molecular pharmacology, immunology and cell biology is expanding the scope of the innumerable inconceivable possibilities in the search for the development of new drugs and mechanism-based therapies.

In recent years, there has been enormous growth in the understanding of biological processes at the molecular level. The development is continuous with sharp focus on the essential molecular mechanisms underlying the normal functioning of cells, tissues and organisms. Molecular biological methods can be used to discover the mechanism of pathological processes leading to the development of new therapeutic concepts based on the understanding of molecular medicine.

The following aspects of molecular medicine will be covered in this symposium:

- Molecular Immunology
- Molecular Oncology
- Neurochemistry
- Gene Therapy
- Stem Cell Therapy
- Tissue Engineering
- Infectious Diseases
- Allergies and Asthma
- Diabetes
- Molecular Pharmacology and Drug Resistance
- Functional Genomics and Proteomics
- Bioinformatics and Computational Biology
- Translational Biomedical Research

REGISTRATION

The registration fee includes entry to scientific lectures, poster sessions, exhibition, full set of abstracts, a copy of the symposium program, daily refreshments, symposium banquet, cultural evening and free transportation from airport to the venue of the symposium.

Accompanying persons can attend the symposium banquet and cultural evening, but they may not attend the technical sessions.

On site registration is also possible but accommodation and entry to social events will not be guaranteed.

In the case of cancellation before November 15, 2010, the fees will be refunded after a deduction of US\$ 100. No refund on cancellation will be made after this date.

| REGISTRATION | | |
|---------------------------------|----------------------|---------------------|
| Registration Fee | Before Dec. 10, 2010 | After Dec. 10, 2010 |
| Participants from Abroad | | |
| Faculty Members | \$300 | \$500 |
| Students | \$100 | \$300 |
| Accompanying Person | \$100 | \$250 |
| Local Participants | | |
| Faculty Members | Rs. 5000 | Rs. 10,000 |
| Students | Rs. 2000 | Rs. 4000 |
| Accompanying Person | Rs. 2000 | Rs. 4000 |

| DEADLINES TO MEET | |
|---|---------------------|
| 3 rd International Symposium | January 3 - 6, 2011 |
| Registration | December 10, 2010 |
| Accommodation request | November 15, 2010 |
| Abstract submission | November 15, 2010 |
| Articles for the Symposium Proceedings | January 01, 2011 |

For further details, please visit the website <http://www.iccs.edu>

LANGUAGE

The official language of the conference will be English.

VISA

Participants are requested to kindly apply for visa to the nearest Pakistani Embassy or High Commission. Participants from countries with no Pakistani diplomatic mission should write to the Secretariat at least three months in advance. A formal invitation letter would be required from the Organizing Secretary for this purpose.

TRAVEL

Karachi has a modern international airport, which provides connections to all major cities of the world. Most of the major 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 official airline. Travel agents or any PIA office can provide you with full details regarding travel to Karachi.

ACCOMMODATION

All participants will be accommodated in the International Guest houses of the ICCBS, which has excellent accommodation facilities.

FOREIGN CURRENCY

Registration fee at the symposium desk can be paid in cash or through checks. Currency conversion to Pakistani Rupees will be available upon request.

PAPERS/POSTERS

Abstracts for papers and posters must be in English. The poster board area will be 1.2 m x 1.8 m. Kindly send your abstracts to Prof. Dr. M. Iqbal Choudhary, Secretary, Organizing Committee and Co-Director, Dr. Panjwani Center for Molecular Medicine and Drug Research, University of Karachi, International Center

for Chemical and Biological Sciences, University of Karachi, Karachi-75270, Pakistan.

PROCEEDINGS OF THE SYMPOSIUM

Speakers of Plenary or Invited lectures are requested to submit full papers (maximum 12 pages for Plenary Lectures and 8 pages for Invited Lectures) for publication in the form of a Proceedings Volume, which is to be published immediately after the conference. The authors should send their articles in a camera-ready format, typed according to the instructions (to be sent separately) to Prof. M. Iqbal Choudhary by January 01, 2011.

FOR CORRESPONDENCE

PROF. DR. M. IQBAL CHOUDHARY, *H.I., S.I., T.I.*

Co-Director

Dr. Panjwani Center for Molecular Medicine and Drug Research

International Center for Chemical and Biological Sciences
University of Karachi, Karachi-75270

Tel: 021 99261711, 34824924, 34824925

Fax: 021 99261713, 99261714

E-mail: pcmd@cyber.net.pk

ORGANIZING COMMITTEE

- Prof. Dr. Atta-ur-Rahman, *FRS*
- Prof. Dr. M. Iqbal Choudhary, *H.I., S.I., T.I.*
- Prof. Ahsana Dar
- Prof. Dr. Anwar Waqar, *S.I., T.I.*
- Prof. Kaneez F. Shad
- Prof. Nurul Kabir
- Dr. M. Kamran Azim
- Dr. Shabana U. Simjee
- Dr. Zaheer-ul-Haq Qasmi
- Dr. Muhammad Ahmad Mesaik
- Dr. S. Ghulam Musharraf
- Dr. Asmat Salim
- Dr. Huma Rasheed
- Dr. Talat Makhmoor
- Dr. M. Hafizur Rahman
- Dr. Sonia Siddiqui
- Mr. Mahmood Alam
- Mr. Mahboob Alam
- Mr. Raheel Baig