



15th International Symposium on Natural Product Chemistry

March 22 - 25, 2021, Karachi, Pakistan



Organized by:

**H.E.J. RESEARCH INSTITUTE OF CHEMISTRY
(INTERNATIONAL CENTER FOR CHEMICAL AND
BIOLOGICAL SCIENCES)
UNIVERSITY OF KARACHI
KARACHI-75270, PAKISTAN**

INVITATION



It gives us an immense pleasure to invite you to attend the 15th International Symposium on Natural Product Chemistry (ISNPC-15) to be held in Karachi, Pakistan, during March 22 – 25, 2021. Over 800 eminent scientists and young researchers from 45 countries are expected to participate in this symposium which is recognized as one of the most prestigious international events in the field of natural product sciences.

Pakistan is a fascinating country, full of vitality, cultural diversity, rich history, natural beauty and culinary delights. From Forbes to solo bloggers, Pakistan has been enlisted as one of the top destination for global tourism. We hope the dynamic and magical spirit of Pakistan's largest city, Karachi will be conducive to provide milieus, stimulating exchange of scientific knowledge between scientists in the field of chemical sciences from all over the world. It is also hoped that this symposium will foster stronger research ties between the scientists representing different regions.

On behalf of the organizing committee, we wish to extend you all, a very warm welcome to Karachi in March, 2021.

PROF. DR. ATTA-UR-RAHMAN, FRS

Nishan-i-Imtiaz, Hilal-i-Imtiaz, Sitara-i-Imtiaz, Tamgha-i-Imtiaz
Patron-in-Chief, ICCBS/
Chairman, ISNPC-15

PROF. DR. M. IQBAL CHOUDHARY

Hilal-i-Imtiaz, Sitara-i-Imtiaz, Tamgha-i-Imtiaz
Director, ICCBS/
Organizing Secretary, ISNPC-15

VENUE

The symposium will be held at the beautiful campus of the International Center for Chemical and Biological Sciences (ICCBS) at the University of Karachi. The ICCBS campus is located at about 20 minutes drive from the Jinnah International Airport and about 40 minutes driving distance from the largest shopping area in the center of the city. Bank, post office, stores, restaurants, and travel agencies are also located within short distance of the symposium 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

The aim of the symposium is to bring together leading experts in the field of natural products sciences from all around the world and forge global partnerships for sustainable utilization of natural resources for the common benefit of humanity and rapid development of the countries in the south. Following aspects of natural product sciences will be covered:

- Isolation and structural elucidation of natural products
- Synthesis/ biosynthesis of natural products
- Pharmacology and bioassay evaluation on natural products
- Biotechnology for natural products development
- Advances in spectroscopic techniques for structure elucidation
- Rational drug designing
- Medicinal plants cultivation and conservation
- Chemistry of marine- and micro-organisms
- Chemical studies on natural products/herbal medicines
- Standardization, efficiency, and safety of natural remedies

AIMS AND OBJECTIVES

- It will serve as a platform for a large level of interactions of over 150 foreign scientists from some 45 countries with over 600 Pakistani scientists. This level of interaction is equivalent to hundreds of visits of Pakistani researchers to prominent institutions abroad.
- Most importantly this major event will expose Pakistani researchers with the best of science and technologies in the world in the exciting field of natural product sciences, as well as contribution of natural products in modern drug discovery and development.
- The event will provide a life changing opportunity for hundreds of young Pakistani researchers to meet with most eminent scientists of the world and explore opportunities for trainings and study visits abroad.
- The event will provide a platform to exchange ideas, and develop research linkages and foster collaborations in the field of natural product sciences.

REGISTRATION

The registration fee includes entry to scientific lectures, poster sessions, exhibition, full set of abstracts, a copy of the symposium program, daily refreshments (tea/coffee), symposium banquet, cultural/musical evening, welcome mixer and free transportation from hotels and guest houses to the venue of the symposium.

Please note that accompanying persons can attend the welcome mixer, conference banquet, and cultural/musical evening, but they may not attend any of the technical sessions.

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

In the case of cancellation before February 22, 2021, the fees will be refunded after a deduction of US\$ 100. No refund on cancellation will be made after this date. A 10% discount will be given to IUPAC members.

Registration Fees: (Foreign Participants)	Before Feb. 15, 2021 (U.S. \$)	After Feb. 15, 2021 (U.S. \$)
Academic Faculty	400	500
Students	200	300
Accompanying Person	200	300
Conference Proceeding	60	60

Registration Fees: (Pakistani Participants)	Before Feb. 15, 2021 (Rs.)	After Feb. 15, 2021 (Rs.)
Private Organizations	10,000	12,000
Academic Faculty	5,000	6,000
Students	2,000	3,000
Accompanying Person	2,000	3,000
Conference Proceeding	3,000	3,000

For further details, please visit the website: www.iccs.edu

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 national flag carrier.

CLIMATE

Karachi is usually sunny and pleasant in March with average day temperature of 30 °C and the night temperature falling to 20-25 °C. Winters from November to February have chilly nights and bright sunny days.

VISA

You are requested to apply for a visa to the nearest Pakistani Embassy or High Commission. Citizens of over 80 countries can also apply for on-line visa (<https://visa.nadra.gov.pk/>). Participants from countries with no Pakistani diplomatic mission should also write to the Secretariat at least three months in advance. A formal invitation letter would be required from the Chairman, Organizing Committee (Prof. Dr. M. Iqbal Choudhary) for this purpose.

ACCOMMODATION

All plenary and invited speakers will be accommodated in the International Scholars Lodges 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.

PAKISTAN'S BASIC FACTS

Area:	8,03943 sq. km
Population	200 million
Capital:	Islamabad
Provinces	Capital Cities
Khyber Pakhtoonkhwa (KPK)	Peshawar
Punjab	Lahore
Sindh	Karachi
Balochistan	Quetta
Gilgit Baltistan	Gilgit
Azad Jammu & Kashmir (<i>autonomous region</i>)	Muzaffarabad

Principal Cities:

Karachi, Lahore, Hyderabad, Peshawar, Sukkur, Quetta, Multan, Bahawalpur, Faisalabad, Sialkot, Gujranwala, Rawalpindi, Islamabad.

Hill Resorts:

Murree, Nathiagali, Abbottabad, Kaghan, Skardu, etc.

LANGUAGE

The official language of the conference will be English.

ORGANIZING COMMITTEE

Chairman

Prof. Dr. Atta-ur-Rahman, FRS, N.I., H.I., S.I., T.I.
Patron-in-Chief, ICCBS

Organizing Secretary

Prof. Dr. M. Iqbal Choudhary, H.I., S.I., T.I.
Director, ICCBS

Symposium Coordinator

Prof. Dr. Syed Ghulam Musharraf

Members

Prof. Dr. Bina S. Siddiqui ^{S.I., T.I.}	Dr. M. Shoaib Malik
Prof. Dr. Sabira Begum, P.P.	Dr. Arslan Ali
Prof. Dr. Muhammad Shaiq Ali, T.I.	Dr. Zehra Batool
Prof. Dr. Khalid M. Khan, T.I., S.I.	Dr. Yan Wang
Prof. Dr. Zafar Saied Saify	Dr. Mujeeb-ur-Rehman
Prof. Dr. Fatima Basha, S.I.	Dr. Sumaira Javed
Prof. Dr. Darakhshan J. Haleem	Dr. Saba Farooq
Prof. Dr. Muhammad Iqbal Bhanger, P.P.	Dr. Ghayas Uddin Siddiqui
Prof. Dr. Farzana Shaheen	Dr. MahaDev
Prof. Dr. Syed Abid Ali	Dr. Faheeda Soomro
Prof. Dr. Muhammad Raza Shah, T.I.	Dr. Muhammad Adil
Prof. Dr. Asmat Salim	Dr. Ghulam Mustafa
Prof. Dr. Shabana U. Simjee	Dr. Anna J. Siddiqui
Dr. Zaheer-ul-Haq Qasmi	Dr. Uzma Salar
Dr. Maqsood A. Chotani	Dr. Naghma Hashmi
Dr. Sammer Yousuf	Dr. Asma Rauf
Dr. Shakil Ahmad	Dr. Naghma Naz
Dr. Atia-tul-Wahab	Dr. S. Ali Raza Shah
Dr. Md. Hafizur Rahman	Dr. Muhammad Rashid
Dr. Muhammad Imran Malik	Dr. Muhammad Shakeel
Dr. Hina Siddiqui	Dr. Muhammad Irfan
Dr. Reaz Uddin	Dr. Asad Karim Alvi
Dr. Ishtiaq Ahmad Khan	Dr. Zarrin Basharat
Dr. Syed Tarique Moin	Dr. Hana'a Iqbal
Dr. Humera Jahan	Dr. Saira Ibrahim
Dr. Sadia Ajaz	Dr. Saad Farooq
Dr. Sobia Rana	Dr. Farhana Ehsan
Dr. Almas Jabeen	Dr. Rana Z. Haider
Dr. Munazza Raza	Dr. Muniza Shaikh
Dr. Irfan Khan	
Dr. Ayaz Ahmed	
Dr. Mudassar	
Dr. Farooq A. Khan	
Dr. Humaira Zafar	
Dr. Maria A. Khan	
Dr. Saima Rasheed	

Management

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

FOR CORRESPONDENCE

Tel: (+92 21) 34824924 -25, 99261711

Fax: (+92 21) 99261713

E-mail: raheel@iccs.edu; raheelhej@gmail.com