

About GIAN

Global Initiative of Academic Networks (GIAN) is a new program approved by Govt. of India which is aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, exchange of scientific thoughts through collaborations and elevate India's scientific and technological capacity to global excellence.

Overview & Scope

The primary objectives of the course are i) to educate the participants to read, interpret and present primary literature in the field of chemical biology and apply to develop a testable question or hypothesis stemming from previous work in the field of chemical biology, ii) to introduce experimental skills used in chemical biology such as protein purification, biopolymer synthesis and purification, microscopy, protein-ligand characterization, protein/peptide mass spectrometry, iii) to teach about chemical biology approaches to drug discovery and development by specifically targeting proteins and introduce various chemical biology techniques and applications and iv) to give an overview of medicinal chemistry and drug discovery process at the Pharma Industry and at few leading institutes in India and in USA.

About Chandigarh

Chandigarh is one of the most beautiful and well planned cities of India, designed by the French architect Le Corbusier. Serenity and a city are

normally two diametrically opposite concepts, which however, get belied in the 'City Beautiful'. Chandigarh is a rare epitome of modernization co-existing with nature's preservation. The city is located near the foothills of the great mountains of

About Panjab University

Panjab University (PU) a public collegiate university located in Chandigarh, is one of the oldest Universities in India established in 1882. University campus is spread over an area of 550 acres in sectors 14 and 25 of the city of Chandigarh. It is among the top ranked Universities of India. Panjab University has a long tradition of pursuing excellence in teaching and research in science and technology, humanities, social sciences, performing arts and sports. PU campus is also attracting and supporting the best minds and recruiting faculty who excel at teaching and research. University has 78 teaching and research departments and 15 Centers/Chairs in the main campus. University has 188 affiliated colleges spread over Punjab. Gandhi Bhawan- the major landmark of 'city beautiful' is located at the university campus and has stunning architectural structure.

Accommodation

The participants may be provided accommodation at the University Guest Houses/hostels on payment basis depending on the availability. Please send request for accommodation in advance.

REGISTRATION FORM

Name (Prof./Dr./Mr./Ms.): _____

Designation (Student/Faculty): _____

Complete Postal Address : _____

Phone/Mobile: _____ Email: _____

Registration Fee (Rs. _____)

Accommodation required (Yes/No): _____

Accommodation required for number of days and dates _____

Accommodation Fee (Rs.): _____

Mode of payment (Cash/Demand Draft.) _____

DD No. _____ Amount _____

Registration fee : Participants from abroad USD 300; Industry/Research Organisation: Rs. 5000/-; Academic Institutions: Rs. 2500/-

Accommodation on sharing basis will be available @ **Rs. 500 per day** at Panjab University Guest Houses,

Note: DD in favour of "Coordinator GIAN, Panjab University" payable at Chandigarh.

In case payment is made through NEFT/RTGS, follow the account details below:

Account Name : Coordinator GIAN, Panjab University

Account Number : 35643257125

IFSC Code : SBIN0000742

Bank Name : State Bank of India

Branch Name : Panjab University, Chandigarh

Signature with date

Who can attend

- Researchers from manufacturing, service and government organizations including R&D laboratories.
- Students at all levels (BSc/BTech/MSc/MTech/PhD), faculty or researchers from academic institution interested in learning about research on Chemical Biology and Drug Discovery.

Venue of Workshop: Seminar Hall, SAIF/CIL, Panjab University, Chd.

Registration Fee

The participation fees for taking the course is as follows:

Participants from abroad : US \$300

Industry/Research Organization: Rs 5000

Academic Institutions : Rs 2500

Discounted price will be offered to Bachelors and Masters Degree students.

The above fee includes all instructional materials and assignments and 24 hr free internet facility.

Please contact course coordinator, **Dr. Deepak B.**

Salunke, Assistant Professor, Department of

Chemistry (Email: salunke@pu.ac.in, Mobile:

8195968252) for any enquiry.

Patron: Prof. Arun Kumar Grover

Vice Chancellor, Panjab University, Chandigarh

Local Coordinator GIAN: Prof. S.K.Mehta

Director, SAIF/CIL, Panjab University, Chandigarh

Guest Faculty



Prof. Sanjay Malhotra is a faculty in the Department of Radiation Oncology, Radiology and Stanford Cancer Institute at the Stanford University School of Medicine. He is also a Director of Stanford-SRI Drug Discovery and Development Program. He has over 20 years of experience in basic and translational research in biomedical sciences. His efforts have led to advancement of

several drug candidates towards their pre-clinical studies and clinical trials. Dr. Malhotra has edited five books, published over 100 research articles and serves on the editorial board of international scientific journals. He has received numerous honors including, 'Fulbright Specialist' (US); **Fellow Royal Society of Chemistry (UK)**; 'Invited member' INDO-US Science & Technology Joint Commission Meeting, Office of the Science & Technology Policy of the President (White House). Dr. Malhotra received a PhD (Chemistry) in 1995 and trained under Nobel laureate Prof. Herbert C. Brown at Purdue University.

Course Coordinator:



Dr. Deepak Salunke received his PhD at Organic Chemistry Division of CSIR-National Chemical Laboratory (NCL), Pune with Dr. Vandana Pore and Dr. Braja Gopal Hazra, and worked on the Medicinal Chemistry of steroidal conjugates. He also worked on a Indo-French Sandwich Thesis program at ICSN-CNRS France with Dr. Robert H. Dodd. After his PhD,

he worked at the Advinus Therapeutics Pvt. Ltd. in a discovery working group towards the development of GPR91 antagonists. Later he moved to NCTU Taiwan to work at the combinatorial chemistry laboratory of Prof. Chung-Ming Sun. After spending one year at NCTU, Dr. Salunke moved to Department of Medicinal Chemistry at the University of Kansas (KU), Lawrence, USA and then promoted as Assistant Research Professor at Higuchi Biosciences Centre at KU. Before joining at the Panjab University, Chandigarh he worked as a Team Leader at the SAI Life Sciences Pvt. Ltd. Pune. Dr. Deepak Salunke is engaged in research involving design, synthesis and Structure-Activity Relationships (SAR) of novel pharmaceutically interesting scaffolds. Combinatorial parallel synthesis as well as diversity-oriented synthesis of organic small molecules and to develop innovative methodologies for important organic transformations. He has recently been awarded a travel grant by NCTU to deliver a lecture series at Taiwan and also delivered several invited talks at National and International conferences.

INTERNATIONAL WORKSHOP

on

“Chemical Biology and Drug Discovery”



सत्यमेव जयते

An event under
GIAN
Global Initiative of Academic Networks



October 24 - October 30, 2017



Organized by
Panjab University, Chandigarh

under the aegis of

