

INTERNATIONAL WORKSHOP
on
“Discovery of Drugs Targeting G
Protein-coupled Receptors”

November 21-26, 2016

Organized by
Panjab University, Chandigarh, India
‘An event under’
GIAN
(Global Initiative of Academic Networks)

REGISTRATION FORM

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

Designation: _____

Affiliation: _____

Address: _____

Phone: _____

Email: _____

Accommodation Required (Yes/No): _____

Amount: _____

Mode of payment (Cash/Demand Draft): _____

Demand Draft No: _____

Dated: _____

(in favor of “Coordinator GIAN, Panjab University”
payable at Chandigarh)

Signature _____

Date: _____

Forwarding authority
(seal)

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. Dr. Karl-Norbert Klotz is a Professor of Pharmacology at the University of Würzburg, Germany. He is also the Administrative Director of the Rudolf-Virchow- Center (2004 to present), which is a central research facility for Biomedical Research at the University of

Würzburg. Although the work of Dr. Klotz covers 30 years of work on several GPCRs including adrenergic receptors, N-formyl peptide receptors and NPY receptors, the interest of his laboratory predominantly focuses on adenosine receptor research. The enduring interaction with more than a dozen groups of medicinal chemists worldwide made his laboratory something like a 'reference lab' for the pharmacological characterization of new adenosine receptor ligands. Several radioligands of adenosine receptors were developed by his group. His work is documented in over 140 publications in international peer-reviewed journals.

Course Coordinator



Prof. Dr. Ranju Bansal is a Professor of Pharmaceutical Chemistry at UIPS, Panjab University, Chandigarh, India. She is an active researcher and academician for last

25 years. She has published more than 75 original research papers in various international journals of repute and has 5 patents to her credit. She has been awarded with prestigious Commonwealth Academic Staff Fellowship to work at University of Strathclyde, UK. Till now 10 students have been awarded Ph. D. under her guidance. Recently she has published research in Chemical Reviews, a highest ranking journal in chemical sciences with an impact factor of 45.6. She has widely travelled in India and abroad and is also successfully collaborating with various national and international scientists. Her research interests include design, synthesis and evaluation of new chemical entities of medicinal significance.

INTERNATIONAL WORKSHOP

on

“Discovery of Drugs Targeting G
Protein-coupled Receptors”



An event under
GIAN
Global Initiative of Academic Networks



November 21-26, 2016



Organized by
Panjab University, Chandigarh

under the aegis of



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

G protein-coupled receptors (GPCRs) play an eminent role in drug discovery as more than half of all drugs currently in the market target members of this superfamily of membrane-bound proteins. The course will provide an overview of drug-receptor interactions in general with a focus on GPCRs. Overall, the course will apprise about the field to the participants with an interest in drug development. Using the example of adenosine receptors, a subfamily of GPCRs, the development of small molecules that specifically interact with individual receptor subtypes will be discussed. Such ligands might help in devising therapeutic strategies for the treatment of numerous pathophysiological conditions, e. g., CNS ailments like Parkinson's disease and various inflammatory and cardiovascular diseases.

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 Himalayas with the Queen of Hills, Shimla.

About Panjab University

Panjab University 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 ranked 1st among Universities of India and 38th in Asia, Times Higher Education Asian University rankings 2015. 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 75 teaching and research departments and 15 Centers/Chairs in the main campus. The Gandhi Bhawan- the major landmark of 'city beautiful' Chandigarh 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.

Who can attend

You are a student at any level with an interest in drug development, medicinal chemistry and pharmacology.

You are a faculty from academic institutions with such interests

You are a researcher from industry with such interests

Registration Fee

The participation fees for taking the course is as follows:

Participants from abroad : US \$300

Industry/Research Organization: Rs 5000

Academic Institutions:

Students: Rs 2000 ; Faculty : Rs 3000

The above fee is towards participation in the course and also includes the course material, laboratory equipment usage charges and 24 hr free internet facility. **Number of participants for the course will be limited to fifty**

Please contact the Course Coordinator, **Prof. Ranju Bansal (UIPS, PU)** for any enquiry. Email: ranju29in@yahoo.co.in

Phone No: 09876061147, 0172-2534116

Submission Deadline: Nov 5, 2016