

**INTERNATIONAL WORKSHOP ON  
Discovery of Drugs Targeting G Protein-  
coupled Receptors**

**November 21-26, 2016**

*Organised by*

Panjab University, Chandigarh, India

An event under

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 with 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.

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**"Discovery of Drugs Targeting G  
Protein-coupled Receptors"**

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## 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, 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 1<sup>st</sup> among Universities of India and 38<sup>th</sup> 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 with accommodation at the University Guest Houses/Faculty house/ hostels on payment basis depending on the availability. Request for accommodation has to be sent 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 Fees

The participation fees for taking the course is as follows:

**Participants from abroad : US \$300**

**Industry/Research Organization: Rs 5000**

**Academic Institutions:**

**Students: Rs 2500 ; 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](mailto:ranju29in@yahoo.co.in)  
Phone No : 09876061147, 0172-2534116

**Submission Deadline: Nov 5, 2016**