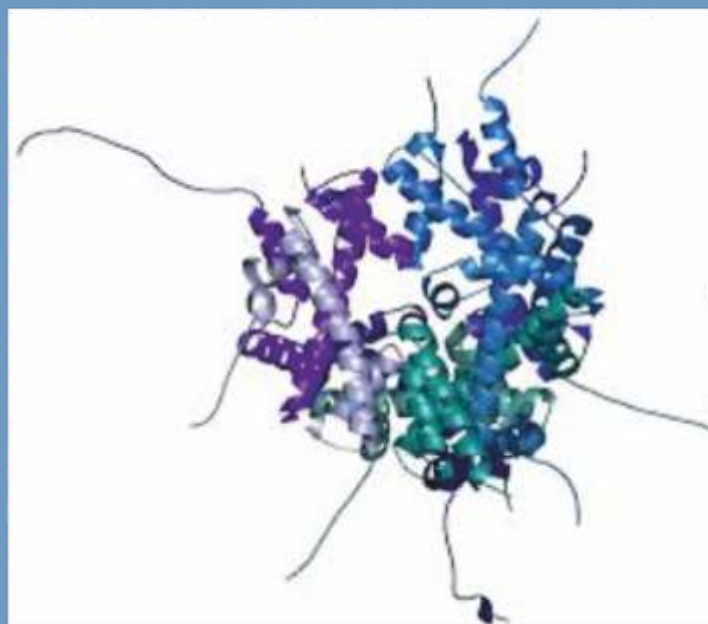
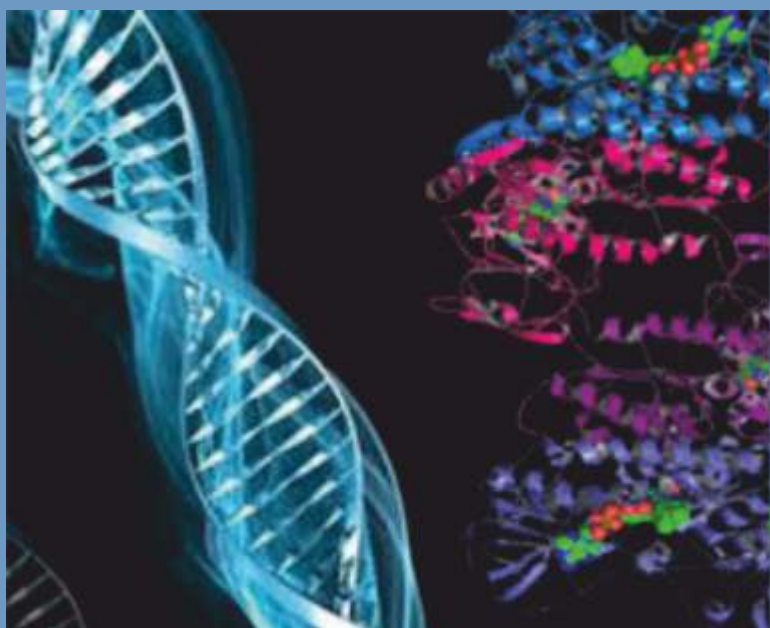




# CHITKARA COLLEGE OF PHARMACY

## 4<sup>th</sup> International conference on **PHARMACOGENOMICS, PROTEOMICS IN DRUG DISCOVERY, DEVELOPMENT AND CLINICAL THERAPEUTICS**

on 13<sup>th</sup> and 14<sup>th</sup> April, 2016



In collaboration with  
**HARVARD MEDICAL SCHOOL, USA**

**PPDDCT-2016**  
**Industrial Partners**

*Austin Pharmaceuticals Limited., Torque Pharmaceuticals Pvt., Natural Solutions,  
Mumbai., Venus Remedies; DR Reddys Laboratories Ltd., Baddi, Panacea Biotec Limited.,  
Excellion Innovatations, Chandigarh, Ocius Life Sciences, Chennai*

## OBJECTIVE OF THE CONFERENCE:

4<sup>th</sup> International conference, being the most innovative event, aims to provide an open and stimulating scientific and cultural exchange that will give all the participants the opportunity to share their experiences, foster collaborations across industry and academia and evaluate emerging technologies across the globe. The process of drug discovery is quite complex, integrating many disciplines, including structural biology, metabolomics, proteomics, and computer science. The process of drug discovery involves the identification of candidates, synthesis, characterization, screening, and assays for therapeutic efficacy. Drug discovery and development process is generally quite tedious and expensive. Drug targets are usually proteins, either those occurring within the human body or in outside agents such as viruses and other pathogens. The major difficulty faced by drug researchers is understanding the complex chemical pathways involved in the disease process in order to find the most appropriate intervention point, and then to discover or design a compound that modifies the chemical process at that point. Advancements in Genomics and Proteomics, together with integrating myriad disciplines from structural biology to computer sciences, have brought tremendous change in the drug discovery process over the last few years. Mechanistic understanding of the nature of disease, novel biomarkers as diagnostic tools, target-specific molecules and integrated automated discovery platforms have become contemporary to the modern drug discovery process. The event will offer definite advantage to the researchers in the fields of Functional Genomics, Genomic Biomarkers, Epigenetics, Next-Generation Sequencing, miRNA and Non-coding RNA, qPCR, Bioinformatics, Proteomics and Proteome Analysis including Chromatography, Mass Spectroscopy and Lab Automation. The program will consist of moderated sessions and engaging an expert panel on research themes at the core of genomics, proteomics, drug discovery, development and clinical therapeutics.

## ABOUT THE INSTITUTE:

Chitkara College of Pharmacy was started in 2005 by the Chitkara Education Trust, Chandigarh, under the guidance of renowned academicians Dr. Ashok Chitkara and Dr. (Mrs.) Madhu Chitkara. Chitkara Educational group campus is located at Jhansla, Rajpura and the campus has institutions including Chitkara College of Pharmacy, Chitkara Institute of Engineering and Technology, Chitkara School of Planning and Architecture, Chitkara School of Education, Chitkara School Hospitality Management, Chitkara Business School. The different institutes have relevant accreditations including National Councils, ISO and NAAC. The campus is hosting degree and Post degree level courses in Pharmacy, Electrical Engineering, Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering, Architecture, Education, Management, Media and Health Sciences. Chitkara College of Pharmacy has courses B. Pharm, M. Pharm, Pharm D and Ph. D approved by AICTE, PCI & UGC and affiliated to Chitkara University, Punjab. The institute has highly qualified faculty, well equipped laboratories, high speed internet facility and a very well equipped library. The college has comprehensive research portfolios with more than 10 patents, 200 publications, 100 PG thesis and Ph.D program going for making it a premier centre for higher education in Pharmaceutical Sciences.

## MAIN CONFERENCES FEATURES:

### A. Symposia and Plenary/oration lectures

### B. Poster/Oral Sessions

### C. Prize sessions for Best Poster and Oral Presentations.

- Enable participants to exchange ideas and expand network with leading pharmaceutical scientists, clinicians and internists.
  - Bring together top international scientists and clinicians presenting cutting-edge discoveries, research and new therapeutic drugs.
  - Fourth international series of conferences to span interdisciplinary fields of pre-clinical and clinical drug discovery and drug therapy.
  - Enable exhibitors to have increased visibility through branding and networking at the conference and gain direct access to a core audience of professionals and decision makers.
  - Features a prolific commercial exhibition and poster sessions.
  - Enable participants to obtain Continuing Medical Education accreditation for selected attended clinical lectures.
- The conference will attract a targeted group of scientists and senior international decision maker. Delegate and exhibitors will have a valuable, informative and positive experience
- o Internists
  - o Medical Students
  - o Pharmaceutical Scientists
  - o Clinicians/Doctors
  - o CEOs, CROs senior instrumental professionals Directors and research associate from the Pharmaceutical industry and academia.

## IDENTIFIED AREAS FOR CONFERENCE AND POSTER SESSIONS:

### Pharmaceutical Chemistry

- Cardiovascular Drug Discovery & Therapy
- Combinatorial Chemistry
- Diabetes and Obesity Drug Discovery & Therapy
- Clinical Trials and Regulatory Affairs
- CNS Drug Discovery & Therapy
- Drug Delivery & Targeting

## DRUG DISCOVERY IN PRECLINICAL RESEARCH

- Drug Metabolism
- Green Techniques for Medicinal Chemistry
- HIV Research
- Inflammation and Immunology & Nanotechnology
- Medical Imaging
- Enabling Technologies
- High-throughput Screening & Laboratory Automation
- Medicinal Chemistry
- Innovative Drug Discovery silico Screening
- Nutraceutical Drug Discovery & Therapy
- Genomics
- Hot Topics in Drug Targets
- Natural Products
- In-silico Drug Design and In-
- Pharmaceutical Biotechnology

## PHARMACEUTICAL RESEARCH & DEVELOPMENT :

### Pharmacogenomics

### Proteomics & Bioinformatics

### Recent Advances in Spectroscopy

### Process Chemistry & Drug Manufacturing

### Pulmonary Drug Discovery & Therapy

### Nanopharmaceuticals

### Protein and Peptide Sciences

### Recent Advances in Patient Treatment and Care

### Regenerative Medicine

### Stereoselective Synthesis of Bioactive Compounds

### Systems Biology in Drug Design

### Translational Medicine

### Structural Biology

### Traditional Chinese Medicine

### Women's Health Drug Discovery & Therapy

## NATURAL PRODUCT AND PHYTOPHARMACEUTICALS

### Life Sciences

## ABSTRACT SUBMISSION

The research abstract should be structured as per the presented format. It should be complete with the subheadings - **Title, Author's name, Affiliation, Address with Email Id and Phone number.** The TITLE should be written in capitals. Name of authors should start with full name followed by surname. List no more than 5 authors. **Underline/Highlight the name of presenting author and mark with asterix.**

The main body of the abstract should not exceed 250 words and must be prepared in a standard format with clearly outlined. **Abstract should be divided into following parts Objectives/Aims, Methods, Results and Conclusions.** References are not needed for abstracts. Incomplete abstracts or those not appropriately structured will be rejected. Type in single space with font Times new Roman and letter size 12 in the Abstract. Use high quality black inkjet or laser printing or electronic typing only. Handwritten abstracts cannot be accepted. Research work based abstracts/presentations will be given a high priority. Acceptance of the Abstracts will be notified by email by 10 March, 2016. However, the acceptance will be provisional until the registration fee is not deposited by 10 March, 2016 essentially in the form of a Demand Draft in the favor of "Chitkara College of Pharmacy, Rajpura" payable at Chandigarh.

(b) In cash, directly to Bank Account No. 1217000400201431 of Punjab National Bank through ATM transaction; confirming by sending the scanned copies of bank or ATM receipt to conference mail id.

### For National Exchange Fund Transfer (NEFT) or E banking

### For Punjab National Bank:

Account Payee Name: Thakur Gurjeet Singh,

Account Number: 1217000400201431

IFSC code: PUNB0121700

Branch: Bassi Pathana,

A/c Type: Saving

Confirming by sending the scanned copies of bank receipt and Registration form to conference mail ID: [ccpconferences@chitkara.edu.in](mailto:ccpconferences@chitkara.edu.in)

### Conference Proceedings

All submitted conference papers will be blind peer reviewed by three competent reviewers. The post conference proceedings will be published in the international "Journal of Pharmaceutical Technology, Research and Management". The conference proceedings book & CD and certificate of presentation will be distributed to the conference participants at the conference registration desk. Abstracts for all Seminar presentations will be published as the Proceedings of the Seminar. The Program Committee will select some presentations for the oral program from the submitted abstracts and will notify those authors. Other submissions will be offered poster presentation.

**Publication of selected abstracts as full papers in "Journal of Pharmaceutical Technology, Research and Management" are being brought out from Chitkara University, Punjab: Selected papers will be published in "Journal of Pharmaceutical Technology, Research and Management" for which submission guidelines for the Journal will be informed.**

**Abstracts can be submitted online to;**

**Deadline for registration and abstract submission: March 10, 2016**

(Registration will be confirmed after receipt of Draft)

### POSTER GUIDELINES

**Posters should be prepared as per following guidelines.**

**Title:** Use a title representative of the scientific contents of your research work. **Introduction and research question:** State what is known, what is unknown, your research question and experimental approach. **Materials and Methods:** Explain what experiments/techniques you used in order to answer your research question. State the function of every technique/measurement and if necessary, explain why you have chosen certain techniques. Remember to keep confined to essential details. **Results:** Only report results that are relevant to your research question. Results may include a few data, but most data should be given in clear figures & tables, these are more accessible for the audience. **Conclusion:** Give the answer to your research question. **Discussion:** One sentence (Optional). **Future prospective:** State the future prospective if your research shortly. **References/Funding.**

### POSTER LAYOUT

Use a simple font (Times New Roman) and make sure the letters aren't too small. Use contrasting colors in your slides, and not too many. Highlight the essential topics of the poster. Keep a nice legend with your graphs/figures. You can let your results be known by using a header of graphs/figures. Always make a test print of your poster. You can give your audience a handout or printed sheet of paper containing the main points and 'take home message' of your study but it's not mandatory.

**The size of the poster should be 3X4 feet.**

### ORAL PRESENTATION

Only for abstracts selected for oral presentation

**Presenters will be given 10 minutes to present their research if selected for an oral presentation:**

07 minutes for presentation and 3 minute for discussion. Please mail your PowerPoint presentations to the Organizers at least 15 days prior to first day of the seminar. Bring your presentation on a CD/USB drives as backup. . Try not to exceed a maximum of 20 slides (including your title and Thank you).

**During international conference young scientist award will be given.**

### ORGANIZING COMMITTEE

#### CHIEF PATRONS

**Prof Dr Ashok Chitkara** | Chancellor | Chitkara University, Punjab

**Professor (Dr.) Madhu Chitkara** |

Vice Chancellor | Chitkara University, Punjab

#### CHAIRMAN/CONVENER

**Professor (Dr.) S. Arora,**

Director, Chitkara College of Pharmacy,  
Chitkara University, Punjab

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Assistant Professor of Medicine,  
Harvard Medical School (HMS),  
USA.

**Dr Oliver Grundmann, PhD, MS**

Assistant Professor,  
University of Florida, USA.

#### ORGANIZING SECRETARY

**Dr. Thakur Gurjeet Singh,**

Associate Professor & HOD,  
Department of Pharmacology and Pharmacy Practice,  
Chitkara College of Pharmacy,  
Chitkara University, Punjab

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Coordinator Scientific Committee Pharmacognosy : **Dr. Reecha Madan**

Coordinator Scientific Committee Pharmacology: **Ms. Amarjot Kaur**

Coordinator Scientific Committee Pharmaceutical Chemistry & Analysis :

**Dr. Anju Goyal**

Coordinator Scientific Committee Pharmacy Practice: **Mr. Ravinder Jaura**

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Ms. Santoshi

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Mr. Balkar Singh

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Ms. Rajni Bala (Coordinator)

Ms. Navneet Kaur

Ms. Jashanjot Kaur

Ms. Amarjot kaur

Mr. Chanpreet Singh Bindra

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Ms. Ankur Gera (Coordinator)

Ms. Ritchu Babber

Ms. Neelam Singh

Ms. Pratima kumari

Mr. Yogesh Kumar

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Dr. Reecha Madan

Mr. Avaneesh Kumar

Ms. Janita Chander

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Mr. Ravinder Kumar

Mr. Gurmit Singh

Mr. Balkar Singh

#### SOUVENIR COMMITTEE:

Mr. Balkar Singh (Coordinator)

Ms. Shiwali Sharma

Ms. Ramanpreet Kaur

Mr. Chanpreet Singh Bindra

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- Dr. Arun Nanda, dean, Faculty of Pharm Sci MDU Rohtak.
- Dr. A. K. Tiwary, Professor, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala.
- Prof Pramit Tiwari, NIPER Mohali.
- Dr. Ranjit Singh, Dean, School of Pharm Sciences, Bahra University, Shimla.
- Dr. Prof. Anil Kumar, UIPS, Chandigarh.
- Dr. Krishan Vij, Principal, Gian Sagar Medical College and Hoasptial, Banur.
- Dr C S Gautam, Prof and Head, Pharmacology, GMCH Chandigarh.
- Dr. Nirmal Singh, Associate Professor, Punjabi University, Patiala
- Dr A K Saxena, Indian Institute of Integrative Medicine (IIIM), Jammu, J&K.
- Dr P N Gupta, Indian Institute of Integrative Medicine (IIIM), Jammu, J&K.
- Dr. Kishore Raghuvansh, Institute of Microbial Technology (IMTECH), Mohali.

- Dr. Mahendra Bishnoi, Scientist C, National Agri - Food Biotechnology Institute (NABI),
- Mohali, Punjab.
- Dr. Vineet Kumar, Scientist-F, Department of Chemistry, Forest Research Institute, Dehradun, India.
- Prof. (Dr.) Upendra Kumar Jain, Professor & Director, Chandigarh College of Pharmacy, Landran, Chandigarh, India.
- Dr. A C Rana, Director, Dept of Pharm Sciences, Kurukshetra University, Kurukshetra.
- Prof. (Dr.) Vipin Saini, Professor & Director, MMU, Mullana, Ambala
- Prof. (Dr.) S L Hari Kumar, Professor & Director, Rayat Bahra University Mohali.
- Dr. Upendra Nagaich, Secretary, Society of Pharmaceutical Education & Research, Co-ordinator, Amity Institute of Pharmacy, Amity University, Noida.
- Dr. Anshu Banerjee, Director, Rayat Institute of Pharmacy, Ropar.
- Dr. Monica Gulati, Director, Dept of Pharmacy, Lovely Professional University, Jalandhar.

#### INDUSTRIAL ADVISORY AND EXPERT COMMITTEE

- Dr. Prafull Mathur, Head R & D (Synthetic & ADL) at Aanjaneya Lifecare Limited, India.
- Dr. Rudraraju Varma, Aizant Drug Research Solutions (P) Ltd, Hyderabad, India.
- Dr. Sudhir K. Sharma, General Manager and Head, Research and Development, Panacea Biotech, Mohali.
- Dr. Ravi Roy, General Manager, Clinical Research, Fresenius, Gurgaon.
- Sh. Sandeep Sharma, Manager, R and D, Jubilant Organosys Ltd. Noida.
- Dr. Suresh Attili. Director, ClinSync Clinical Research Pvt Limited. Hyderabad.
- Dr. Rashmi Panda, Senior Group Leader (Sr. Manager), Jubilant Life Sciences Ltd., India.
- Dr. Manu Choudhary, MD, Venus Remedies Ltd, Panchkula, India.
- Dr. Lalit Wadhwa, Vice President, Ind Swift Pharma, India.
- Sh. Anil Arora, General Manager, HR, Abbott Labs, India.
- Dr. R. A. Singh, Director, Regional Drugs Testing Laboratory, Chandigarh.
- Mr. S V K Prasad, CEO, CITO Healthcare Hyderabad, India.

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- Dr. Geeta Aggarwal, Prof. Rayat Bahra University Mohali.
- Dr. Rajeev Talian, Dept. Of Pharmacy, BITS, Pilani
- Dr. Anshu Gupta, HOD, Swift College of Pharmacy, Rajpura
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- Dr. Sushma Gupta, Principal, SVIET, Rajpura
- Dr. Pardeep Kumar, Principal, Rayat Bahra, Patiala.
- Dr. Gurfateh Singh, Rayat Bahra University Mohali.
- Dr. Rupinder Sodhi, Chandigarh College of Pharmacy, Landran, Chandigarh, India.
- Dr. Haresh Dureja, Faculty of Pharm Sci MDU, Rohtak.
- Dr. N S Gill, Prof, Rayat Institute of Pharmacy, Ropar.
- Dr. Satvinder Kaur, Principal, GHG Khalsa College of Pharmacy, Ludhiana

#### REGISTRATION FEES:

**Before Deadline 10 March, 2016**

**Students/Research Scholar**

**Faculty**

**Industrial Candidates**

**Foreign delegates**

**After Deadline**

**After 10 March or on the spot  
Registration**

**1200 1500**

**1500 1800**

**1800 2000**

**100 USD 125 USD**

Request for hotel boarding and approximate tariff for hotel accommodation has to be sent with registration form/mail.

Required: ☐

Not Required: ☐

#### Expected Tariff Per Person

1500 2000 3000

Date: \_\_\_\_\_

#### PROGRAM SCHEDULE

Date	Time	Event
13th April, 2016	8.30 am to 9.00 am	Registration
	09:00 am to 09:30 am	Inauguration & Welcome address
		Technical Session I
	09:30 am to 10:30 am	Tea Break
	10:30 am to 10:45 am	Technical Session II
	10:45 am to 11:45 am	Technical Session III
	11:45 am to 12:45 pm	Technical Session IV
	12:45 pm to 01:30 pm	Lunch Break
	01:30 pm to 02:00 pm	Technical Session V
	02:00 pm to 03:00 pm	Technical Session VI
	03:00 pm to 04:00 pm	Tea Break
	04:00 pm to 04:30 pm	Technical Session VII
	09:00 am to 09:45 am	Tea Break
14th April, 2016	09:45 am to 10:00 am	Technical Session VIII
	10:00 am to 10:45 am	Technical Session IX
	10:45 am to 11:30 am	Technical Session X
	11:30 am to 12:15 pm	Oral and Poster Presentations
	12:15 am to 2:30 pm	LUNCH
	2:30 pm to 3:15 pm	Vote of Thanks & Valedictory Function
	3:15 pm to 04:00 pm	

#### HOW TO REACH US:

The Institute is situated on Chandigarh-Patiala National Highway. The location is equidistant from Chandigarh, Mohali, Panchkula, Ambala and Patiala. It is just a 30 minutes drive from any of these cities. It can be reached through air, and rail also. The closest air link is available up to Chandigarh and Mohali. By rail it can be reached from Rajpura, Ambala Cantt. or Chandigarh. **CHITKARA COLLEGE OF PHARMACY, CHITKARA UNIVERSITY, RAJPURA, PATIALA, PUNJAB.**

