Department of Pharmaceutical Chemistry
SPER, Jamia Hamdard (Deemed to be University)
organizes

ONE-DAY NATIONAL CONFERENCE

NEW HORIZONS IN DRUG DISCOVERY & DEVELOPMENT -3 (NHDDDD-3)

on

Drug Discovery and Development: The Role of NMR

18th February, 2019

Venue: Auditorium, School of Pharmaceutical Education & Research, Jamia Hamdard, New Delhi-62

PATRON
Prof. (Dr.) Seyed E Hasnain
Vice Chancellor, Jamia Hamdard

CO-PATRONS
Prof. (Dr.) Ahmed Kamal
Pro-Vice Chancellor, Jamia Hamdard
Prof. (Dr.) Nadeem Siddiqui
Dean, SPER, Jamia Hamdard

CHAIRPERSON
Prof. (Dr.) Mohd. Amir
Head; Department of Pharmaceutical Chemistry, SPER

CONVENORS
Dr. M. Mughtaz Alam
Department of Pharmaceutical Chemistry, SPER

Dr. M. Shaququzzaman
Department of Pharmaceutical Chemistry, SPER

TREASURER
Dr. Mymoona Akhter
Department of Pharmaceutical Chemistry, SPER

Last Date for Abstract Submission: 06-02-2019
Acceptance Notification: 08-02-2019
Jamia Hamdard

The history of Jamia Hamdard began with the establishment of a small Unani clinic in the year 1906 by Hakeem Hafiz Abdul Majeed, a practitioner with the vision of making the practice of Unani medicine a scientific discipline. In 1972, Hamdard College of Pharmacy was set up with the objective of providing education and training in all branches of Pharmacy, which was given the Deemed University status in the year 1989. Currently, Jamia Hamdard is engaged in imparting high quality teaching and research in the disciplines of Pharmacy, Science, Medicine, Nursing, Management, Information Technology, Allied Health Sciences, Islamic studies etc. In recognition of its excellent and academic achievements, Jamia Hamdard has been accredited with ‘A’ Grade by National Accreditation and Assessment Council (NAAC). It has recently been ranked 23rd amongst the top 100 universities in India by NIRF, Govt. of India.

Department of Pharmaceutical Chemistry, School of Pharmaceutical Education & Research

The Department of Pharmaceutical Chemistry is one of the core Department, engaged in research related to drug development and discovery. The Department was formally established in 1986 with the M. Pharm. (Pharmaceutical Chemistry) and Ph.D. programme. The University started two year M Pharm (Pharm Analysis) course in the academic year 2006. The courses are approved by the All India Council for Technical Education (AICTE) and Pharmacy Council of India (PCI). The Department is well equipped with modern wet laboratories along with analytical instruments like NMR (Bruker Avance-400MHz), IR (Bruker alpha-T spectrophotometer), Mass (Waters SYNAPT UPLC-MS/MS) etc. The Department has received research grants to the tune of more than Rs. 2.5 crores from various funding agencies like UGC/ICMR/AYUSH/AICTE/DST/DBT. The students are well placed in various industries (Ranbaxy Research Laboratories-Diachi, Sun-Pharma, Nicolas Piramal, Jubliant Organosys, Dabur etc) and Academic and Research Institutions through Placement cell. It has recently been ranked 2nd amongst the various Pharmacy Institutions in India by NIRF-2018, Govt. of India.

About the Conference

NMR spectroscopy plays a pivotal role in the drug discovery and development process, principally through its use in the structure elucidation of leads, drugs, their synthetic intermediates, and the degradation products and impurities of those drug molecules. More recently, new applications of NMR spectroscopy have emerged such as hit-finding and hit-to-lead optimization, impacting directly on these early stages of the drug discovery process. In order to provide proper direction and to channelize future pharma research in the field of NMR and keeping the recent developments in mind, the seminar provides the right platform. The seminar will serve as a platform for interaction between young scholars and scientists from academia and industry with experienced scientists from various institutions. The outcomes of the seminar will direct the future foci to move ahead in diverse research areas for the benefit of mankind.

The recent trends highlighting innovative and interesting topics will be discussed under the main theme of conference.

CALL FOR ABSTRACTS

Scientific papers are invited for poster and oral presentation. Original and unpublished work based on the theme shall reach convener by 06th February 2019. The abstract should be submitted online in MS word, Times New Roman, 12 font, 1.5cm spacing with maximum 250 words to newhorizons.ddd@gmail.com. Only registered candidates will be allowed to present the accepted papers and he/she must be one of the co-authors of the paper during submission. The abstract should include title in capital, authors with surname followed by initials and affiliations. The name of the presenting author should be indicated by underlining the author. The size of the poster should not exceed 36×24 inch. Not more than one abstract should be submitted by one author. Six amongst the submitted abstracts will be selected for oral presentation. A time slot of 5-7 minutes will be allotted to the presenter for presenting his/her work. Best oral/posters will be awarded with a Cash Prize of Rs. 1000/-. 
THEMES
The Role of NMR in Target Identification and Validation for Pharmaceutical R&D
Quantitative NMR Spectroscopy in Pharmaceutical R&D
Hit Discovery from Natural Products in Pharmaceutical R&D
NMR-based Structure Determination of Drug Leads and Candidates
NMR Methods for the Assignment of Absolute Stereochemistry of Bioactive Compounds
NMR Spectroscopy in Preclinical Drug Metabolism Studies
Structure-based Drug Design Using NMR
NMR-based Pharmacometabolomics: A New Approach to Personalized Medicine
Analysis of Counterfeit Medicines and Adulterated Dietary Supplements by NMR
Pharmaceutical Industry: Regulatory Control and Impact on NMR Spectroscopy
NMR in Pharmaceutical Manufacturing

Important Events
• Pharmaceutical Science Competition (based on B Pharm & M Pharm syllabus)
• Scientific Poster/Oral Presentation

HIGHLIGHTS
Lectures from Renowned academicians and Scientist from Industry
Best oral presentation and Best Poster award of Rs. 1000/- each

EMINENT SPEAKERS

Prof. (Dr.) Raja Roy
Centre of Biomedical Research, Lucknow, UP

Dr. Bhavani S. Joshi
NMR Application Scientist, Bruker-India

Prof. (Dr.) D. S Rawat
Department of Chemistry, University of Delhi, Delhi

Dr. Pritam Mukhopadhyay
School of Physical Sciences, JNU, Delhi

REGISTRATION FEE

BEFORE 10 FEBRUARY 2019
Students : Rs. 500  Academics : Rs. 800  Industry : Rs. 1000

BEFORE 14 FEBRUARY 2019
Students : Rs. 800  Academics : Rs. 1000  Industry : Rs. 1500

SPOT REGISTRATION FOR CONFERENCE ONLY
Students : Rs. 1500  Academics : Rs. 2000  Industry : Rs. 2500
REGISTRATION COMMITTEE

Faculty Support: Prof. Mohd. Amir, Dr. M. Mumtaz Alam, Dr. Ozair Alam, Dr. Mohd. Aslam

INAGURATION COMMITTEE

Faculty Support: Prof. Gita Chawla, Dr. Mymoona Akhter, Dr. M. Shaquiquzzaman, Ms. Subuhi Khisal
Student Support: Sharba Tasneem, Neelima Shrivastava, Ankita Pathak, Naziya Nishat, Deepak Kumar Jha, Farah Iram, Harshit Chanana, Kumari Neha, Sandeep Shekhawat, Shubham Roy

SCIENTIFIC COMMITTEE

Faculty Support: Prof. Anees A Siddiqui, Prof. Bahar A Khan, Dr. M. Shahar Yar, Mr. Kashif Iqbal
Student Support: Rafi Haider, Fatima Naaz, Kashif Haider, Taha Kazmi, Payal Kamboj, Aasif Farooq, Mukund Jha, Pooja, Saleem Akber, Anjali, Aman

HOSPITALITY COMMITTEE

Faculty Support: Prof. Sandhya Bawa & Dr. Asif Husain, Mr. Ashif Iqbal
Student Support: Md. Azhar Iqbal, Nishtha, Shubham Das, Deepak Malik, Karan Kumar, Nikki, Shabana, Sukriti Jain, Tania Debnath, Ashish Batra

REGISTRATION FORM

Title: ............. (Prof/Dr/Mr/Ms/Mrs) Name: ..........................................................................................
Designation: ................................................................. Organization: ..........................................................
Correspondence Address: ..........................................................................................................................
City: ........................................ State: .............................. Pin code: ..........................................................
Mobile No: .................... E mail: .....................................
Presenting Paper (Y/N): .................. Mode of Presentation (O/P): ..........................................................
Title of the Paper: ..................................................................................................................................
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DD No: ................................. Drawn Bank: ........................................
Dated: .................................................................

Registration fee (in Rs.): (Cash/Cheque in favor of Jamia Hamdard, New Delhi)

Remittance Details:
Registration fee is non-refundable and non-transferable. Photocopies of this form may be used.
Students are required to enclose bonafide certificate from the Head of the institution.
Registration fee should be submitted on or before 10 February, 2019.