

ONE-DAY NATIONAL CONFERENCE

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

on

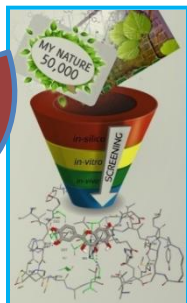
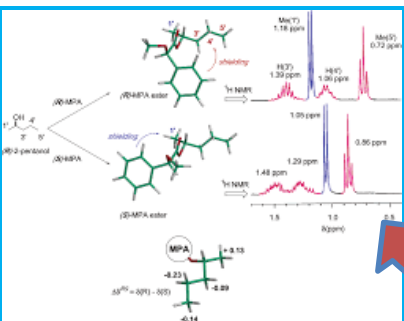
Drug Discovery and
Development: The Role of
NMR

18th February, 2019

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

Last Date for Abstract
Submission: 06-02-2019

Acceptance Notification:
08-02-2019



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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 setup 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, Jubilant 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

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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:

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.