

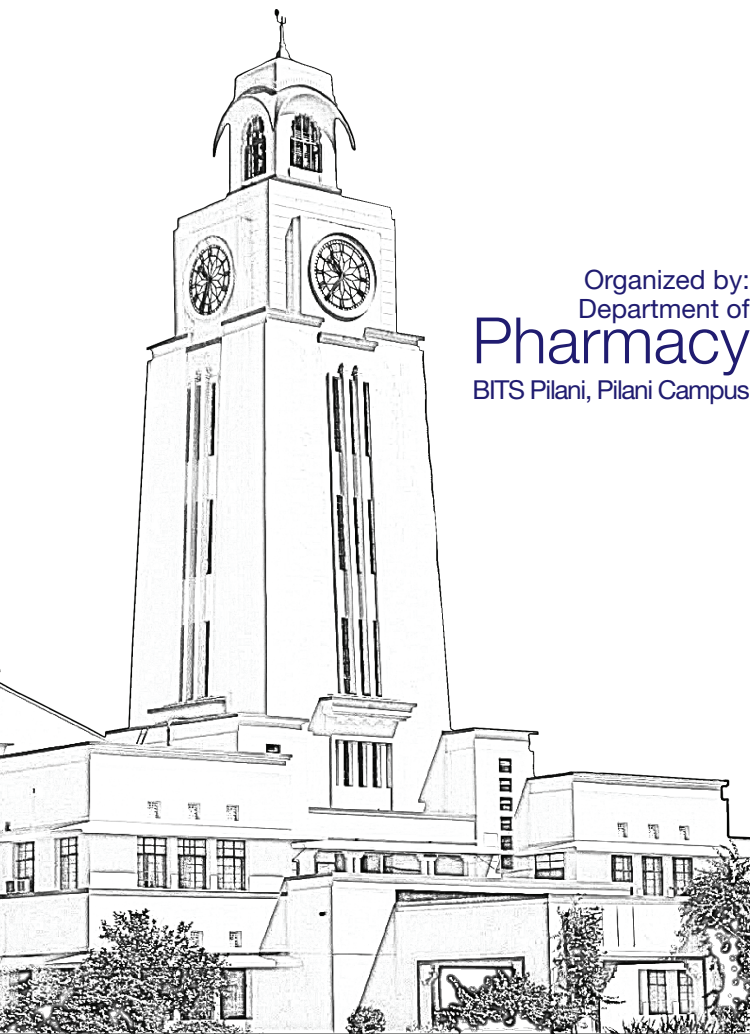


BITS Pilani

Pilani | Dubai | Goa | Hyderabad

INTERNATIONAL VIRTUAL CONFERENCE ON DRUG DISCOVERY AND DELIVERY

November 6-7, 2020



Organized by:
Department of
Pharmacy
BITS Pilani, Pilani Campus

About Department

The Department of Pharmacy of BITS Pilani, established in 1950, is one of the few early schools of Pharmacy in India. It has been ranked 6th in Pharmacy Category by NIRF-2020 (MHRD, Govt. of INDIA). The department offers B. Pharm, M. Pharm (and with specializations in Pharmaceutics, Pharmaceutical Chemistry and Pharmacology) as well as Ph D programmes and provides to students an exhaustive exposure to various practical aspects of the research methodologies, instrumental techniques, courses in emerging areas and industrial operations. The department is well supported by projects funded by industries and government agencies. In recent years, more than 10 technologies have been transferred to the pharmaceutical industry and three faculty members have founded their start-ups. Alumni of the department are well placed in India as well as abroad in various pharmaceutical companies, government organizations and in Academia.

About Conference

During the past few years, the pharmaceutical industry has evolved to be a more knowledge-based and innovation-driven industry. Drug discovery program has gone through a series of transformations from random screening in early eras to rational drug design being used currently. This gradual change had provided better chances of getting successful hits. Due to the cost and time involved in the R & D, efforts have also been directed from drug discovery to drug product development with the "old wine in new bottle" concept. This has been made possible only by the technological advancements in new delivery systems that had provided several delivery platforms, including nanotechnology, for the so-called "difficult to deliver drugs". In order to achieve the desired pharmaceutical product, an amalgamation of various fields, including synthetic and natural product chemistry, pharmaceutical analysis, molecular biology, biotechnology, pharmacology and novel drug delivery, is required. The objective of this conference is to capitalize on the immensely growing field of pharmaceutical sciences by bringing together the community of academicians, researchers and industries on a common platform. Broad areas covered in this conference will include pharmaceutical chemistry, pharmacology, phytopharmaceuticals, advanced drug delivery including gene delivery, and pharmaceutical nanotechnology. This conference is an effort to bring together diverse specialists working in these areas to identify the unmet needs of this multidisciplinary field and provide vision on the future path.

SPEAKERS



Prof. A K Chakraborti
Indian Institute of Technology, Ropar

Sustainable Practices in Drug Discovery and Development

Dr. Atul Jadhav

Himalaya Global Research Centre FZ-LLC, Dubai

Quality Control of Botanicals: Practice & Challenges



Prof. Krishna Mohan Poluri
Indian Institute of Technology, Roorkee

Targeting the Chemokine Mediated Leukocyte Migration by Exploiting the Specific Binding Surfaces of Chemokines

Prof. Navnath Gavande
Wayne State University College of Pharmacy and Health Sciences, Detroit, USA

Targeting DNA Damage Response (DDR) and DNA Repair Pathways for Cancer Therapy



Prof. Shyam S Sharma
National Institute of Pharmaceutical Education and Research, Mohali

Safety Pharmacology in Drug Discovery and Development: Regulatory Guidelines and Innovations

Prof. Ram I Mahato
University of Nebraska Medical Center, Omaha, USA

Redox-sensitive Combination Nanomedicine for effective treatment of Pancreatic Cancer



Dr. Kalesh Karunakaran
Durham University, Durham, UK

Chemical proteomics to unravel drug targets, protein function and posttranslational modification

Dr. Santosh Rudrawar
Griffith University, Gold Coast Campus, Queensland

Part I: Sugar Kick Prevents Memory Impairment
Part II: Multi-target Profiling Strategies for Neurodegenerative Diseases



Prof. Harish Madhyastha
University of Miyazaki, Miyazaki, Japan

Surface modified colloidal nanoceutical Gold-Quercetin conjugates during mimicked wound healing

Prof. Padma V. Devarajan
Institute of Chemical Technology, Mumbai

Brain Targeted Nano Delivery System for Neurocysticercosis-A neglected infectious disease



Prof. Amirali Popat
University of Queensland, Australia

Emerging Trends Oral Drug Delivery using Stimuli Responsive Silica Nanoparticles

Prof. Shyh-Dar Li
The University of British Columbia, Vancouver, Canada

To be announced



E-Certificate will be given to all participants.

Registration is free for all participants

To receive the link for attending the conference, please register on or before **November 3, 2020** at:

<https://forms.gle/i7gX97pC7kPRdbgXA>

For queries, please write to us at:
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