



22nd-24th July 2024 | Birla Institute of Technology and Science, Hyderabad campus, India
Time: 09:00 AM Onwards

PLENARY SPEAKERS



Dr. Adam Mechler
Professor
La Trobe University, Australia



Dr. Jimmy Hsia
Professor
Nanyang Technological University, Singapore

INVITED SPEAKERS



Dr. Jayeeta Bhaumik
Scientist E
CIAB, Mohali



Dr. Falguni Pati
Associate Professor
IIT Hyderabad



Dr. Sanhita Roy
Scientist V
LV Prasad Eye Institute, Hyderabad



Dr. Rajkumar Banerjee
Chief Scientist
CSIR-IICT, Hyderabad



Dr. Chitta Rajan Patra
Senior Principal Scientist
CSIR-IICT, Hyderabad



Dr. Pradip Paik
Associate Professor
IIT BHU, Varanasi

CHIEF PATRON



Prof. V. Ramgopal Rao
Vice Chancellor
BITS Pilani



Prof. Soumyo Mukherji
Director
BITS Pilani Hyderabad Campus



Prof. P Yogeeswari
Dean, Administration
BITS Pilani Hyderabad Campus

ADVISORY COMMITTEE



Prof. Sajeli Begum
HOD – Department of Pharmacy
BITS Pilani Hyderabad Campus



Prof. Sanket Goel
SPARC- Campus Co-ordinator
Dean – GCIR
BITS Pilani Hyderabad Campus



Prof. Anupam Bhattacharya
Associate Dean- GCIR
BITS Pilani Hyderabad Campus

ORGANIZING COMMITTEE



Prof. Swati Biswas
Department of Pharmacy
BITS Pilani Hyderabad Campus



Prof. Balaram Ghosh
Department of Pharmacy
BITS Pilani Hyderabad Campus

About SPARC

The Scheme for Promotion of Academic and Research Collaboration (SPARC) is an endeavor of the Ministry of Human Resource Development, Government of India, which aims to improve the research ecosystem of India's higher education institutions by facilitating joint research projects involving faculty and student mobility between highly ranked Indian institutions and internationally ranked foreign institutions. SPARC aims to strengthen the collaboration of Indian researchers with top international research groups so that Indian students can experience research versatilities. The introduction of Indian academicians to the most successful international collaborators overseas and the development of strong bilateral research relationships would lead to enhanced visibility and exemplary research outcomes.

About BITS Pilani

BITS Pilani is a Deemed-to-be University, recognized as an Institute of Eminence by the Ministry of Education, Government of India, in 2020. It is currently offering on-campus programmes to more than 18,500 students across its campuses in Pilani, Goa, Hyderabad, Mumbai, and Dubai. BITS has been ranked 188 in QS Asia University Rankings 2023, the only private institute from India in Asia Top 200. Further, BITS Pilani has been ranked among the top 300 in QS World University Graduate Employability Rankings 2022 and within the top 8 in India. The university is committed to innovation, excellence, and merit-based admissions. It prioritizes research, with faculty securing over ₹398 crore funding over the past five years. Entrepreneurial success is also a hallmark of BITS Pilani, with 14 BITSian unicorns, 1 decacorn, and over 7500 founders and co-founders of various enterprises

About the Department of Pharmacy

The Department of Pharmacy at Hyderabad Campus established in 2008 is actively involved in various cutting edge research areas, with a committed team of 16 faculty members and more than 90 research scholars. Several patents, faculty-led startups, sponsored research grants and publications in prestigious journals with high-impact factors demonstrate our faculty members' dedication and research potential. Additionally, the department has a state-of-the-art infrastructure for teaching (B. Pharm., M. Pharm. and PhD programmes) and carrying out advanced pharmaceutical research. BITS Pilani (combined Pilani and Hyderabad) has been ranked 3rd by MoE National Institutional Ranking Framework (NIRF) in 2023 and is being in top six positions since year 2017 in NIRF Pharmacy subject category. It stands in the 101-150 band by QS World Subject Rankings-2023 for Pharmacy and Pharmacology.

PRESENT YOUR RESEARCH WORK

Thematic Areas

- Nanocarriers in chemotherapy
- Biomimetic cell derived nanocarriers
- Combination and Targeted therapy in cancer
- Stimuli-responsive drug delivery systems
- Phytochemicals in infectious diseases
- Immunomodulators for bacterial infections
- Hydrogels for sustained and localized delivery of antimicrobials
- Antimicrobial peptides for AMR
- Advanced drug delivery systems
- Cell therapy
- Biomedical devices
- Drug metabolism and Pharmacokinetics (DMPK).

Guidelines

- The Interested registered students and faculty must submit their abstract on or before 12th July 2024.
- The abstract should not exceed 250 words.
- Font - Times New Roman.
- Title should be in bold case (font size 14) and full authors' names followed by their affiliation in normal font (font size 12).
- The presenting author's name should be bold and marked with an asterisk along with their email address.
- The presenting author must be registered for the conference.

Registration for BITS
(Hyderabad) Students
and Volunteers



<https://forms.gle/ueBhhMexDtyHHUW88>

Click here to avail
accommodation



<https://forms.gle/JLgikqJb9yYsGhkj7>



<https://forms.gle/9wdKt72Uds1esq627>

Registration for non-BITS
(Hyderabad) Students, Academicians,
and Industry Personnel



Deadline for Registration
15th July 2024

<https://forms.gle/JF3sHrQi6pGeqiaWA>

Contact us

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Attendees will be a part of the interaction with professors of eminent international institutes like La Trobe University, Australia & NTU, Singapore



23rd-24th July 2024



Birla Institute of Technology and Science, Hyderabad campus, India



9:00 AM Onwards

SPARC WORKSHOP ON

Translational Therapies for Cancer and Infections (TTCI)

Faculty Member(s)

Prof. Swati Biswas

Prof. Balaram Ghosh

Department of Pharmacy

BITS Pilani, Hyderabad Campus

Payment Code



Registration link

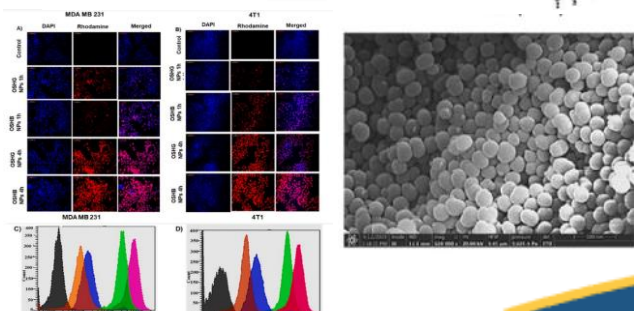
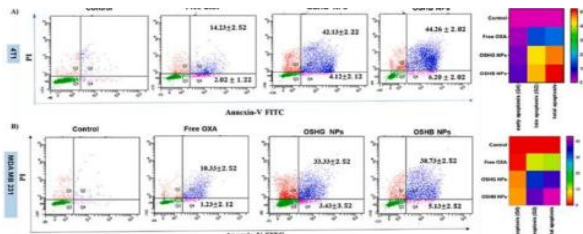
<https://pmny.in/yJB9MQ08OwUt>

OBJECTIVES

The workshop on Translational Therapies for Cancer and Infections aims to establish a concentrated and intensive environment for scholars, industrial scientists, and academicians who are involved in the field of drug delivery and translational sciences in the context of cancer and infectious diseases. Hands-on training in translational research methodology and approaches will improve the participant's comprehension of the most recent developments in translational therapeutics for cancer and infectious diseases. Moreover, the promotion of interdisciplinary research and development will foster collaboration and networking among industrial professionals and researchers from both national and international realms. The participants will be introduced to world-class art facilities, which include advanced instruments and handling abilities, to promote interdisciplinary research and development. Ultimately, the participants will be equipped to confront specific challenges and constraints in the translation of research discoveries into clinical applications, as a result of an overall up scaling of scientific aptitude.

Workshop Highlights

- ❑ Advanced drug delivery systems: R&D
- ❑ Physico-chemical characterization by UV, FTIR, HPLC, DLS, XRD, Field emission scanning electron microscopy (FE-SEM)
- ❑ *In vitro* cytotoxicity studies: MTT assay
- ❑ Laser Scanning Confocal Microscope (LSCM)
- ❑ FACS (Cellular uptake, Apoptosis, ROS)
- ❑ *In vivo*- animal handling, immunohistochemistry visualization by confocal microscope, Visualization of H&E sections by Zeiss microscope
- ❑ Western Blotting



Who can attend?

Senior Undergrad, Master's, and Ph.D. students of Pharmacy, Biology, Life Sciences and other relevant fields, Faculties and Industry Personnel

GLIMMERS OF HYDERABAD

CHARMINAR



The Charminar (lit. 'four minarets') is a monument located in Hyderabad, Telangana, India. Constructed in 1591, the landmark is a symbol of Hyderabad and officially incorporated in the emblem of Telangana. The Charminar's long history includes a mosque on its top floor for more than 425 years.

RAMOJI FILM CITY

Ramoji Film City is an integrated film studio facility located in Abdullahpurmet, Hyderabad, India. Spread over 1,666 acres. it is the largest film studio complex in the world and as such has been certified by the Guinness World Records.



SALAR JUNG MUSEUM

The Salar Jung Museum is an art museum located at Dar-ul-Shifa, on the southern bank of the Musi River in the city of Hyderabad, Telangana, India. It is one of the largest museums in the world.



GOLCONDA FORT

Golconda is a fortified citadel and ruined city located in the western outskirts of Hyderabad, Telangana, India. The fort was originally built by Kakatiya ruler Prataparudra in the 11th century out of mud walls.



TANK BUND

Hussain Sagar (alternatively referred to as Tank Bund is a heart-shaped lake built by Ibrahim Quli Qutb Shah in 1563. It is spread across 5.7 square kilometers (2.2 sq mi). A large monolithic statue of the Gautama Buddha, erected in 1992, stands on Gibraltar Rock in the middle of the lake.



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