

1st International Conference on Drug Discovery and Development for Infectious Diseases: Cutting-edge Research and Challenges

3rd & 4th March, 2023

Venue

Day 1: Rabindra Bhaban, Barasat

Day 2: ECPT College Campus, Barasat



Organized by

EMINENT COLLEGE OF PHARMACEUTICAL TECHNOLOGY

Barbaria, Barasat, West Bengal - 700 126

In association with

BIOEQUIVALENCE STUDY CENTRE

JADAVPUR UNIVERSITY

Kolkata - 700 032



For more information:

9732594887

7059602777

9051457525

Website: www.ecpt.in

Email id: ecptkol@yahoo.com
conference_ecpt2023@ecpt.in

About the Conference

Infectious diseases have plagued mankind since time immemorial. Microorganisms have endangered the life, which cannot be more evident than with the COVID-19 pandemic. Diseases like dengue, malaria and typhoid have made a comeback. Re-emergence of tuberculosis in more severe form is posing a serious health threat. Recent outbreaks of almost forgotten measles are indicating the future threat from the pathogens. Fungal infections are also coming to the forefront and causing recurrent infections. Occurrences of antimicrobial resistance (AMR) are displaying a major global health crisis. AMR can cause a death of 10 million people if it continues to move in the same rate. Our arsenal against infectious diseases is shrinking and, antimicrobials are going to be 'endangered'. Hence, the requirement for newer drugs is essential for fighting against resistant pathogens. Drug discovery is the process through which novel molecules are discovered. Healthcare systems constantly need new pharmaceuticals to address unmet medical requirements across varied therapeutic areas, and this can be fulfilled by drug discovery and development. Drug discovery is a challenging, and tough task. The 1st International Conference of Eminent College of Pharmaceutical Technology will focus on the advances made in infectious disease research in the last few decades and highlight the pathways to newer drug discovery and development.

About the Institute

Eminent College of Pharmaceutical Technology, under the Eminent Group of Colleges, was set up by the Trust, Nirmala Foundation. The Trust is a non-commercial organization, consisting of eminent members of society. The Trust desires to contribute and serve society by establishing colleges, providing health care services, and being associated with social welfare activities. Institute is affiliated by Maulana Abul Kalam Azad University of Technology, West Bengal, PCI & AICTE, New Delhi. Eminent College of Pharmaceutical Technology (ECPT) entered the pharmacy world in 2017 with a clear purpose and mission of providing students of the districts and the peri-urban area with high-quality pharmacy education. ECPT is dedicated to offering a top-notch environment for studying, teaching, and career development. The institute was initially launched with a two-year Diploma in Pharmacy followed by a four-year Bachelor of Pharmacy course. The institute has planned of upgrading to provide M. Pharm course. The institute also has the dream of becoming a premier pharmaceutical research institute in the near future.

Chief Patron

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Haringhata, Nadia-741249, W.B.

Chief Guest

Dr. Snehasikta Swarnakar
Chief Scientist & HOD
Infectious Diseases & Immunology Division
Head, Publication & Information Division
CSIR-Indian Institute of Chemical Biology
Jadavpur, Kolkata 700032, W.B.

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IIT-Gandhinagar, Gujrat

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Director - Bioequivalence Study Centre
Jadavpur University, Kolkata-700032, W.B.

Dr. Jayanta Kumar Chaudhury
Former Deputy Director of Drugs Control
In Charge, Bankura Regional Division Office
President: All India Drugs Control Officers Confederation, W.B.

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Assistant Professor, Department of Oceanography
Secretary (Officiating), FISLM
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Mr. Surya Prakash Bharech
C.I.Laboratories
B.L. Shah Road, Kolkata-700053, W.B.

Dr. Amit Saha
Assistant Professor
Department of Chemistry
Jadavpur University, Kolkata-700032, W.B.

Dr. Subhas Samanta
Assistant Professor
Department of Chemistry
University of Calcutta, Kolkata-700009, W.B.

Local Organizing Committee

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Our Speakers and Topics to be Discussed

Dr. Hemanta Koley, Ph.D. (Keynote Speaker)
Scientist -F/Senior Deputy Director
Division of Bacteriology
National Institute of Cholera and Enteric Diseases
Beliaghata, Kolkata, W.B., India

Topic: Development of OMVs based livestock Candidate Vaccine against circulating multi drug resistant Non-typhoidal Salmonella: Help to reduce Clinical Health Burden

Dr. Sujoy K Das, Ph.D., FASCh, FRSC
Principal Scientist and Associate Professor
Infectious Diseases & Immunology Division
CSIR-Indian Institute of Chemical Biology
Jadavpur, Kolkata, W. B., India

Topic: Nanobiotics: Design of functional Nanomaterial for targeted treatment of bacterial infection

Dr. Debraj Jash, MD, DNB, DM (Gold Medalist)
Pulmonologist
Apollo Gleneagles Hospital, Kolkata, W.B., India

Topic: Antibiotic resistance in upcoming decade.

Dr. Lisa Kathleen Ryan, Ph.D.
Associate Professor, University of Louisville
Center for Predictive Medicine and Department of Oral Immunology and Infectious Diseases, Louisville, USA

Topic: Harnessing the activity of antimicrobial peptides (in Online platform)

Dr. Tianyu Zhang , Ph.D.
Professor
Head of Tuberculosis Research
Deputy Director of Center for Infection and Immunity,
State Key Laboratory of Respiratory Disease
Guangzhou Institutes of Biomedicine and Health (GIBH),
Chinese Academy of Sciences (CAS), Guangzhou, China

Topic: A unique antimicrobial screening and evaluation platform (in Online platform)

Dr. Subhajit Biswas
Principal Scientist
Associate Professor
Academy of Scientific & Innovative Research (ACSIR)
Infectious Diseases & Immunology Division
CSIR-Indian Institute of Chemical Biology
Kolkata, W.B., India.

Topic: Herpes simplex virus “Helicase-Primase Complex”’: An upcoming target for next generation herpes antivirals

Registration Guidelines

Who can attend and register?

Undergraduates, Postgraduates, Ph.D./Research Scholars, Faculties, and Industry Experts under Pharmaceutical Sciences, Life/Biological Sciences, Chemical Sciences, Medical Sciences, Biomedical Science/Engineering, Biotechnology, Nanotechnology and Emerging Technologies, Environmental Sciences /Engineering, Nutrition, Public Health and Hygiene, Animal Biotechnology/Veterinary Science.

Registration Fees Details

Conference Fees			
Participants	Early-bird (up to 10/02/23)	Extended (from 11/02/2023 to 20/02/2023)	Spot registration* (only attending)
Students (UG/PG)	350	450	550
Ph.D./Research Scholar/Scientist/ Faculty/Others	600	700	800

****Subject to seat availability**** Last date for abstract submission is 20/02/2023. Registration fees must be sent to the mentioned account. Please provide a valid student identity card/other formal identity card. **Participants have to attend the conference in physical mode.**

Registration link: <https://forms.gle/wVF2QD43D4F6T6Hr6>

*You can also download the Registration Form from our college website (www.ecpt.in).

Payment Mode: Bank transfer or Cash

Bank account details:

Account Name: EMINENT COLLEGE OF PHARMACEUTICAL TECHNOLOGY
Account No: 36509966640 Bank Name: STATE BANK OF INDIA.
Branch Name: COLONY MORE IFSC Code: SBIN0010090

Call for Abstracts for Oral/Poster Presentations

Participants are cordially invited to submit abstracts for oral/poster presentations on relevant topics. Undergraduates, Postgraduates, Ph.D./Research Scholars, Faculties, and all Industry Experts under Pharmaceutical Sciences, Life/Biological Sciences, Chemical Sciences, Medical Sciences, Biomedical Science/Engineering, Biotechnology, Nanotechnology and Emerging Technologies, Environmental Sciences /Engineering, Nutrition, Public Health and Hygiene, Animal Biotechnology/Veterinary Science can apply. For both oral and poster presentation, prizes will be awarded. All abstracts and payment receipts must be submitted to conference_ecpt2023@ecpt.in. The last date for abstract submission is 20/02/2023.

Guidelines for Abstract Submission

Abstract should be within 250 words in MS Word format (DOC or DOCX) and saved as “ECPTIC_P_FullName.doc (For Poster) / ECPTIC_O_Full name.doc (For Oral).” Font of the title: Times New Roman, size: 14 points, Bold. Font of the main body: Times New Roman, 12 points; Line spacing: 1.5, Justify. Keywords: maximum 5. Title, author’s name, affiliation, and email address should be included. Presenting author’s name should be marked with underline and corresponding author’s name should be marked with asterisk.

Link for detailed Guidelines for Poster and Oral Presentation:

<https://drive.google.com/file/d/1C9kt6gnYh-ZB4mS4HlMzAJ--3HK8wdy7/view?usp=sharing>

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