

National Conference

"BCRCP-NATCON 2024"



On

"Molecule to Medicine :

Current and Future Research Methodology"

5th-6th April, 2024

Organized by

DR. B. C. ROY COLLEGE OF PHARMACY & AHS

Durgapur - 713206, West Bengal

Venue:

Acharya PC Roy Seminar Hall

**Cash Award
For Best Presentation**



About the Conference

In this era of Interdisciplinary research and technology integration, biomedical and allied healthcare fields have taken quantum leaps and emerging towards revolution in every unit of time. The association nexus of pharmaceutical, biomedical, bioelectronics, biotechnological, molecular biological, bioimaging, biostatistics, bioengineering, pharmacovigilance and medical coding, Bio-IT with classical fields such as physics, chemistry and mathematics have been taking the entire domain to a more progressing level worldwide. These value-added efforts have paved and been paving a new way to researchers for converting various designed, synthetic and naturally derived molecules to potentially therapeutically active molecules or medicines. This two-day wise (5th-6th April, 2024) National Conference will explore the journey of molecules from their discovery in nature to their development into life-saving medicines. It will highlight cutting-edge research methodologies that are transforming this field, paving the way for future breakthroughs in medicine discovery.

About Us

Dr. B. C. Roy College of Pharmacy & Allied Health Sciences, Durgapur (in short BCRCP), is a primary provider of qualified, trained industry-ready Pharmaceutical Technologists. Imparting application based pharmaceutical knowledge, BCRCP offers an open and friendly atmosphere where students learn, share and shine with expertise in medicines to ensure a healthier tomorrow. State-of-the-art infrastructure and a handful of dedicated and experienced faculty provide a comprehensive teaching-learning process at BCRCP. With excellence in education, BCRCP stands among one of the best pharmacy colleges in West Bengal, so to India, within 76-100 rank band in NIRF in 2020 and 2021. In 2022 it was within 125 rank band and in 2023 BCRCP ranked 100th position. Already the Institute has added the quality feathers like NBA and NAAC in its Cap.

Message from Chief Patron

It is with great enthusiasm that I extend my warmest greetings to all of you on the occasion of the National Conference on Molecule to Medicine: Current and Future Research Methodology. As the General Secretary of our esteemed institution, the Dr. B. C. Roy College of Pharmacy & Allied Health Sciences, I am honoured to be associated with this significant event.

In the ever-evolving landscape of pharmaceutical research, the intersection of molecules and medicine holds immense promise. Our conference aims to delve into the intricacies of research methodologies, exploring both the present advancements and the pathways to future breakthroughs. By fostering collaborative discussions, we aspire to shape the trajectory of pharmaceutical science and healthcare delivery

During this conference, we will explore various aspects:

- **Cutting-edge Research Techniques:** Uncover the latest methodologies driving drug discovery, development, and delivery.
- **Precision Medicine Approaches:** Explore personalized treatment strategies based on genomics, proteomics, and metabolomics.
- **Bioinformatics and Computational Tools:** Understand how data-driven approaches enhance drug design and optimization.
- **Ethical Considerations in Research:** Reflect on the ethical dimensions of pharmaceutical investigations.

Our collective pursuit of knowledge and innovation will pave the way for transformative solutions that benefit patients, clinicians, and society at large. Let us engage in spirited conversations, share insights, and ignite the spark of curiosity that fuels scientific progress.

Wishing you all an intellectually stimulating and rewarding experience during the conference.

With warm regards,

Tarun Bhattacharya
General Secretary,



Message from Chairman

Greetings to all the colleagues and participants

I am delighted and honored to invite you to the scientific seminar on “Molecule to medicine: current and future research methodology”. This seminar is designed to offer a platform for the researcher, academicians, and industry professionals to exchange their insights and experiences on the recent advances and challenges in the field of drug discovery and development.

Drug Discovery and development is a sophisticated and multidisciplinary process that involves the collaboration of various scientific disciplines, such as chemistry, biology, pharmacology, toxicology, and clinical trials. It also requires the application of cutting -edge technology and tools, such as computational chemistry, machine learning, biotechnology, and nanotechnology. The ultimate objective is to discover new molecules that can interact with the biological targets associated with diseases and translate them into safe and effective medicines for the patients.

Eminent speakers from academia and industry will share their expertise and participants and encourage new ideas and innovations in the field of drug discovery and development. We also hope that you will enjoy the seminar and have a pleasant time in Durgapur

Thank you for your participation and attention.

Prof. (Dr.) Samir Kumar Samanta
Principal, Dr. B. C. Roy College of Pharmacy & AHS (BCRCP)



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Dr. Manami Dhibar, Assistant Professor, BCRCP

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NIPER, Kolkata,
WB, India

Dr. Partha Mukherjee
Group Leader
TCG Life Sciences Pvt Ltd.

Dr. Chinmoy Patra,
Scientist-E,
NACS-Agharkar Research Institute,
Pune, Maharashtra, India

Prof. Sanmay Karmakar
Professor,
Dept. of Pharmaceutical Technology
Jadavpur University,
WB, India

Mr. Bedadyuti Chakraborty,
Director,
RxCella
Tellmewhy, India

Program Schedule

Day 1 (5th April, 2024)

Registration of the participants on the Venue- **9:00-10:00 am**

Opening Session-

Inauguration of the conference and felicitation of the dignitaries and Guests

Address and Inauguration notes by the distinguished dignitaries

Publication of the conference Souvenir and Abstract Book
Tea/ Refreshment

Technical Session-I

Plenary-I: Talk from Invited Speaker-I

Plenary-II: Talk from Invited Speaker-II

Lunch

Technical Session-II

Plenary-III: Talk from Invited Speaker-III

Tea/ Refreshment

Technical Session-III

Oral/ Poster Presentation (Session-I) by the participants
(Parallel session)

Day 2 (6th April, 2024)

Technical Session-I

Plenary-IV: Talk from Invited Speaker-IV

Plenary-V: Talk from Invited Speaker-V

Tea/ Refreshment

Technical Session-II

Oral Presentation by the participants (Session-II)

Lunch

Poster Presentation by the participants (Session-II)

Prize Distribution/ Valedictory session

End of the Conference---

Call for Abstracts for Oral and Poster Presentation

1. Abstract should be written in MSWord and within 250 words.
2. Font Types: Times New Roman, Font Size: Title: 14 fonts; List of Authors: 12 font; Affiliation: 10 font; Corresponding author's email: 10 font; Main Text: 12 font; Keywords: 10 font
3. Underline the name of Presenting author, Asterisk for corresponding author.
4. For poster presentation Size of the Poster 120 cm in length by 90 cm width.
5. For oral presentation: Only research work is entertained in oral presentation. The presentation should be prepared in MS PowerPoint.

"Special"!!!! Cash Prize:

The best paper presenters in oral and poster categories would be separately awarded with cash prize, mementoes and certificates. The indices of cash prizes are as follows:

*Participation Certificates will be given to all participants

1st : Rs. 2500/-

2nd: Rs. 1500/-

3rd: Rs. 1000/-

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8918386419

Registration Fee

Person from Industry /Faculty/ Researcher : Rs. 1000/-

Students : Rs. 800/-

Last Date of Abstract Submission

22/03/2024

[Click here for Registration & Abstract Submission](#)

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