

International Conference on
**Global Disease Biology:
Perspective Biotechnology**
(ICGDB-2024)

15th – 17th March, 2024



Organized by

**Department of Biotechnology
The University of Burdwan**

SIGNIFICANCE OF DISEASE BIOLOGY

Global disease biology explores relationship between human diseases and its relationship to the animals, plants and the environment in a global context. This is an interdisciplinary effort to delineate the societal and personal impacts of diseases progress that ultimately study the science causes, evolution, diagnosis, treatment and prevention of diseases. Present conference will track Global Disease biology in the perspective of Biotechnology as a multi-disciplinary subject. Students and researchers across the globe will get a future directive of integrated concepts and how to address the challenges from the perspective of biotechnology.



CONFERENCE OBJECTIVES

The International Conference on "Global Disease Biology: Perspective Biotechnology" aims to serve as a dynamic forum for experts, researchers, and professionals from around the world to converge and explore the pivotal intersection of disease biology and biotechnological advancements. This conference aspires to foster collaborative discussions among leading scientists, with a focus on advancing our understanding of disease mechanisms, diagnosing diseases using biotechnological tools, developing therapeutic interventions, and addressing global health challenges.



CALL FOR PAPERS

Abstracts based on original research, not exceeding 300 words on any one of the themes mentioned should be uploaded via the Google Form link on or before 7th March, 2024. Accepted abstracts will be intimated by 8th March 2024 and will be published in the pre-conference Abstract volume and will be available to the registered delegates.

For submission details see: www.buruniv.ac.in

REGISTRATION

The delegates are requested to register by sending their registration fee, as specified below, through ONLINE PAYMENT, on or before 7th March 2024.

Faculty Members: Rs. 3000/-

Industry Personnel: Rs. 6000/-

Student/Researcher: Rs. 2000/-

Foreign Delegates: USD 300

Spot Registration: Rs. 3500/-

For payment: Visit the following link- <https://www.onlinesbi.sbi/sbicollect>
Next, locate the institution by searching for "The University of Burdwan."
Choose the payment category "Global Disease Biology Perspective Biotechnology." Enter the required payment details.

Registration Link: <https://forms.gle/PgPHhVRpnb8jBNVs6>

ACCOMMODATION

Limited accommodation will be arranged on payment basis in the University Guest House. Other accommodation will be available locally in Hotels/ Lodges. The charges for single and double bed rooms vary from Rs.1000/- to 4000/- per day for all the above categories. Delegates are requested to convey their commitments for the type of accommodation and food at the earliest to the organizer.

Important Dates:

- **Abstracts Communication: 7th March, 2024**
- **Abstracts Acceptance: 8th March, 2024**
- **Registration: 7th March, 2024**

**Scan this QR Code
for Registration**



MAIN THEMES

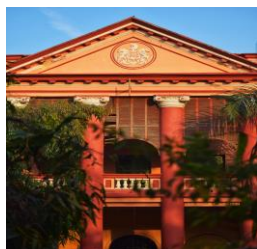
- Identifying diseases with social implications
- Pharmacology
- Disease Microbiology
- Medicinal Chemistry
- Phytochemistry
- Molecular pathways research in Disease Biology
- Drug Designing

MAIN EVENTS

- Keynote speeches and invited lectures
- Oral presentations based on selected abstracts
- Poster presentation of selected abstracts
- Interaction session among young researchers and senior scientists
- Dedicated session for Academia-Industry interaction
- Session on forming a National Global Disease Biology Network

ABOUT BURDWAN

Burdwan, also known as Bardhaman, is a historic town located in the state of West Bengal, India. Situated on the banks of the Damodar River, Burdwan holds significant cultural and historical importance. The town served as the headquarters of the Bardhaman Raj, a prominent Royal estate during the pre-independence era. Burdwan is a critical hub of agriculture in India. Burdwan is popularly known as "Rice Bowl" of the State of West Bengal. Burdwan is in the midst of lush green and pollution free zone. As a prominent urban center in West Bengal, Burdwan continues to evolve, embracing both its historical roots and contemporary developments, making it an intriguing destination for those interested in exploring the cultural tapestry of the region.



ABOUT DEPARTMENT OF BIOTECHNOLOGY



Department of Biotechnology was established in 2003 with support from Dr. Asish Kumar Mondal, an NRI. Professor Pranab Roy served as the founder head of this department. The department was acknowledged by the Department of Biotechnology, Government of India, as one of the seven central hubs in the nation for Biotechnology education and research. The department successfully accomplished the BOOST-I program (Biotechnology-based Opportunities Offered for Science & Technology department) sponsored by the Department of Biotechnology, Government of West Bengal, leading to significant infrastructural development. The academic prowess of our department is evident through the success of our students in various national and state-level examinations. Alumni base of the department spread all over the world defines the success story of the department. A dedicated team of faculty, technical personnel, and staff are committed to upholding the department's legacy and striving towards achieving the status of a Center of Excellence.

ADVISORY COMMITTEE

Prof. Samir Bhattacharyay, Viswa Bharati University
Prof. Pranab Roy, Institute of Child Health, Kolkata
Prof. Sampa Das, Bose Institute, Kolkata
Prof. Sudip Chattopadhyay, NIT, Durgapur
Prof. Adinpunya Mitra, IIT Kharagpur
Prof. Koushik Ghosh, IIT Roorkee, Uttarakhand
Prof. Pinaki Sar, IIT Kharagpur
Prof. Meenakshi Sundaram, Anna University, Chennai
Prof. P. Jayshankar, CSIR-IICB, Kolkata
Prof. Bimalendu Nath, Pune University, Pune
Prof. Brojan Singh, JNU, New Delhi
Prof. N. K. Dubey, BHU, Varanasi
Dr. Debabrata Sirkar, IIT-Roorkee, Roorkee
Prof. Pabitra Chakraborti, The University of Burdwan
Prof. Abhijit Mazumdar, The University of Burdwan
Prof. Abhijit Bandyopadhyay, The University of Burdwan
Prof. Soumen Bhattacharyya, The University of Burdwan
Prof. Pabitra Chattopadhyay, The University of Burdwan
Prof. Subhra Kanti Mukhopadhyay, The University of Burdwan
Prof. Apurbaratan Ghosh, The University of Burdwan
Prof. Naba Kumar Mondal, The University of Burdwan
Prof. Abhay Chand Mondal, The University of Burdwan
Prof. Rajib Bandyopadhyay, The University of Burdwan
Prof. Sikha Dutta Sengupta, The University of Burdwan
Prof. Koushik Ghosh, The University of Burdwan
Prof. Subrata Raha, Sidho-Kanho-Birsha University

ORGANIZING COMMITTEE

Chief Patron

Prof. Goutam Chandra
Vice Chancellor, The University of Burdwan

Patrons

Prof. Asish Kr. Panigrahi
Pro Vice Chancellor, The University of Burdwan

Dr. Sujit Kr. Chowdhury
Registrar, The University of Burdwan

Prof. Sunil Karforma,
Dean, Faculty of Science, The University of Burdwan

Prof. Pradip Chattopadhyay
Dean, Faculty of Arts, The University of Burdwan

Dr. Sougata Chakraborty
Finance Officer, The University of Burdwan

Convener

Prof. Suvro Chatterjee
Department of Biotechnology, The University of Burdwan

Organizing Secretary

Dr. Indrani Chandra
Department of Biotechnology, The University of Burdwan

Dr. Santanu Pailan
Department of Biotechnology, The University of Burdwan

Dr. Sunil Kanti Mondal
Department of Biotechnology, The University of Burdwan

Jt. Organizing Secretary

Mr. Atanu Koner
Department of Biotechnology, The University of Burdwan

Mr. Kaushik Sarkar
Department of Biotechnology, The University of Burdwan

Treasurers

Prof. Suvro Chatterjee
Department of Biotechnology, The University of Burdwan

Dr. Santanu Pailan
Department of Biotechnology, The University of Burdwan

ABOUT THE UNIVERSITY OF BURDWAN

The University of Burdwan is a prestigious institution that has played a significant role in the educational landscape of the region. Established in 1960, the university has grown to become a center of academic excellence, offering a diverse range of undergraduate, postgraduate, and doctoral programs across various disciplines. The campus of the University of Burdwan is spread over a vast area, providing a conducive environment for learning and research. The campus of the University is a Biodiversity Hotspot recognized by the Ministry of Forest and Environment Government of India. The institution is known for its commitment to quality education, fostering intellectual growth, and promoting cultural and extracurricular activities. The University of Burdwan is dedicated to promoting research and innovation, with numerous research centers and collaborations with other institutions. The commitment to academic excellence and the pursuit of knowledge has established the university as a respected seat of learning in West Bengal.



Contacting Persons

Prof. Suvro Chatterjee
Department of Biotechnology
The University of Burdwan, Burdwan 713014
Website: www.buruniv.ac.in
E mail: schatterjee@biotech.buruniv.ac.in
Mobile: 9444034638

Dr. Santanu Pailan
Department of Biotechnology
The University of Burdwan, Burdwan 713014
Website: www.buruniv.ac.in
E mail: spailan@biotech.buruniv.ac.in
Mobile: 9875563241

Mr. Kaushik Sarkar
Department of Biotechnology
The University of Burdwan, Burdwan 713014
Website: www.buruniv.ac.in
E mail: kaushikbot@gmail.com
Mobile: 908339036

Scan the QR Code to
know more about the
department



SPEAKERS



Dr. Pradeep Kumar G
University of Kerala
Thiruvananthapuram



Dr. Jeffrey Withey
Wayne State
University
United States



Dr. J.F. Dufour
Centre des Maladies
Digestives Lausanne
Switzerland
(ONLINE)



Dr. Abhijit Chowdhury
IPGMER SSKM
Kolkata



Dr. Kei Kitahara
Okayama University
Japan



Dr. Malini Lalorya
DBT- RGCB
Thiruvananthapuram



Dr. Valentin Dzonov
University of Bern
Switzerland
(ONLINE)



Dr. Neil Vargesson
University of Aberdeen
Scotland
(ONLINE)



Dr. S. Satheesh
JIPMER
Pondicherry



Dr. K.K. Deepak
IIT Delhi
New Delhi



Dr. Amitava Das
CSIR-IICT
Hyderabad



Dr. Md. Zahid Ashraf
Jamia Millia Islamia
New Delhi



Dr. Biswanath Maity
CBMR
Lucknow



Dr. I. Bhattacharya
Central University
of Kerala



Dr. J. Kumaravelu
CSIR-CDRI
Lucknow



Dr. Perumal M. Kumar
CSIR-CFTRI
Mysore



Dr. C. Patra
CSIR-IICT
Hyderabad



Dr. Souren Paul
University of Minnesota
United States
(ONLINE)



Dr. Jamila Siamwala
Brown University
United States
(ONLINE)



Dr. Anupam Basu
University of Burdwan
Burdwan



Dr. Sumit Hira
University of Burdwan
Burdwan



Dr. Suvro Chatterjee
University of Burdwan
Burdwan



Dr. Syamantak Majumder
BITS Pilani
Rajasthan



Dr. Gautam Banerjee
SmartQR Technologies
Bangalore



Dr. Swaraj Sinha
Laila Impex
Vijayawada



Dr. Saptarshi Majumdar
Serobio Scientific
Kolkata

The ICGDB-2024 features three Tailored Mid-Day Schools for students, postdocs and early career researchers

Gasotransmitters Research Nitric Oxide

A melting pot of Chemistry,
Biochemistry and Metabolomics:
A multi disciplinary approach
to understand disease and its control.



Dr. Arunabha Ray
HIMSR
Jamia Hamdard University



Dr. Kabita Gulati
VP Chest Institute
University of Delhi



Dr. Suvro Chatterjee
University of Burdwan
Burdwan



Dr. Kaushik Ghosh
IIT Roorkee
Uttarakhand

Space Health A futuristic research directive

Human exploration in space
Warrants trained Researchers &
Health Personnel to address the
Upcoming challenges posed
to space tourists,
Space Station Dwellers and
Distant Space Colonies



Dr. K.K. Deepak
IIT Delhi
New Delhi



Dr. Jamila Siamwala
Brown University
United States
(ONLINE)



Dr. Sanjit Dey
University of Calcutta
Kolkata

The United States – India Educational Foundation



USIEF promotes mutual
understanding between the
nationals of India and the U.S.
through the educational
exchange of outstanding
scholars, professionals and
students. Since its inception,
USIEF has awarded
approximately 20,000 Fulbright,
Fulbright-Nehru, and other
prestigious grants and
scholarships in almost every
academic discipline.

**An open session to
interact with USIEF staffs
and Fulbrighters.**