



INTERNATIONAL CONFERENCE

on

Recent Trends in Biomolecules and Therapeutics (RTBT-2023)

Promoting Health and Clinical Research

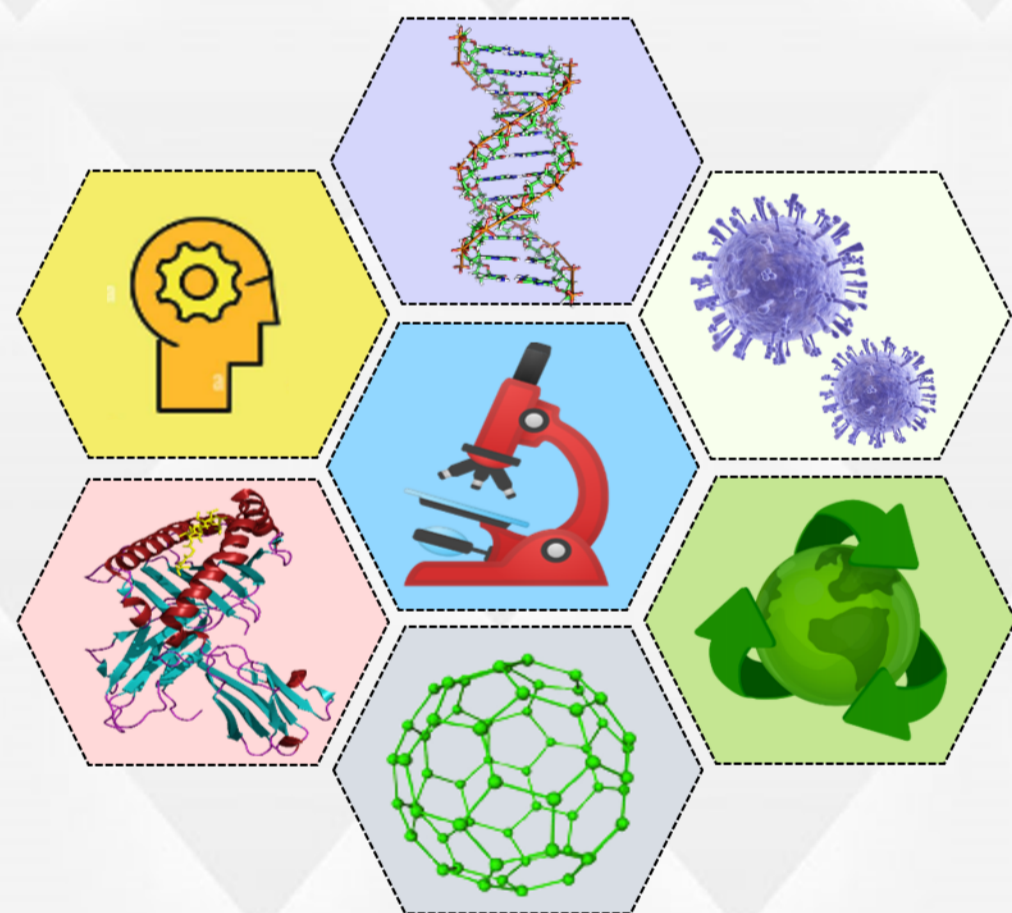
23rd - 24th March 2023

Organized by

Department of Biophysics, Panjab University, Chandigarh

Register now !!

Hybrid mode



Prizes for winners of oral and poster presentation !!

Venue

Department of Biophysics, South Campus, Basic Medical Science Block II
Panjab University, Sector 25
Chandigarh, India

Call for abstracts and early bird registration open

<https://rtbt.puchd.ac.in/>

rtbt@pu.ac.in

ABOUT CHANDIGARH "THE CITY BEAUTIFUL"

Chandigarh, the dream city of India's first Prime Minister, Sh. Jawahar Lal Nehru, was planned by the famous French architect Le Corbusier. Picturesquely located at the foothills of Shivalik hill ranges in the north, which form a part of the fragile Himalayan ecosystem, it is known as one of the best experiments in urban planning and modern architecture in the twentieth century India.

Le Corbusier conceived the master plan of Chandigarh as analogous to human body, with a clearly defined head (the Capitol Complex, Sector 1), heart (the City Centre Sector-17), lungs (the leisure valley, innumerable open spaces and sector greens), the intellect (the cultural and educational institutions), the circulatory system (the network of roads, the 7Vs) and the viscera (the Industrial Area). The concept of the city is based on four major functions: living, working, care of the body along with spirit and circulation. Residential sectors constitute the living part whereas the Capitol Complex, City Centre, Educational Zone (Post Graduate Institute, Panjab Engineering College, Panjab University) and the Industrial Area constitute the working part. The Leisure Valley, Gardens, Sector Greens and Open Courtyards etc. are for the care of body and spirit. The circulation system comprises of 7 different types of roads known as 7Vs. In recent times, a pathway for cyclists called V8 has also been added to this circulation system. Chandigarh has been bestowed with the title of "Greenest City of India" owing to its widespread green cover. Also, under the Chandigarh Smart City Project the city beautiful is envisioned to become a leader in liveability, sustainability, equality and innovation.

Weather

During spring (from February-end to early April), temperatures vary between a maximum of 13 to 20 °C or 55.4 to 68.0 °F and a minimum of 5 to 12 °C or 41.0 to 53.6 °F.

Tourist Attractions

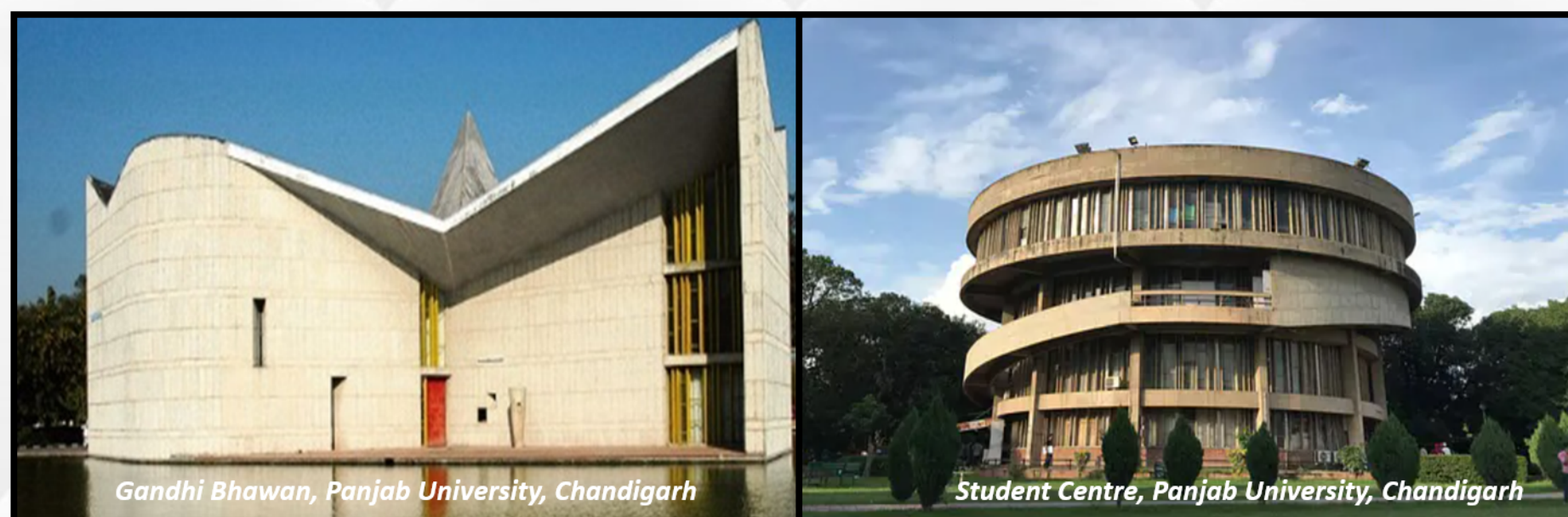
Some of the best places to visit in Chandigarh while planning a trip to the north side of the country include Zakir Hussain Rose Garden, Sukhna Lake, Rock Garden, Chandigarh Bird Park, Terraced Garden, ISKCON Temple, Pinjore Garden, Leisure Valley, Sector 17 Market, Government Museum & Art Gallery, Le Corbusier Center, International Doll Museum, Butterfly Park, Fun City and Open Hand Monument.

More: <https://chandigarhtourism.gov.in/>



ABOUT PANJAB UNIVERSITY

Panjab University is located in sector 14 and sector 25 of Chandigarh, spreading across an area of almost 550 acres. One of the oldest Universities in India, Panjab University initiated at Lahore in 1882. It has a long tradition of pursuing excellence in teaching and research in science and technology, humanities, social sciences, performing arts and sports. The University supports excellence & innovation in academic programs, promotes excellence in research, scholarship and teaching. The University is committed to attract and support the best students and faculty, who excel at teaching and research. With its campus at Chandigarh and nearly two hundred colleges in Punjab state and Chandigarh U.T., Panjab University has served various societal needs with distinction. The glorious traditions of the University established during the period of more than 133 years of its long service to the nation since its inception are a source of inspiration for the present generation of faculty members and students. More: <https://puchd.ac.in/>



Gandhi Bhawan, Panjab University, Chandigarh

Student Centre, Panjab University, Chandigarh

ABOUT THE DEPARTMENT OF BIOPHYSICS

The Department of Biophysics was established in 1964 and is the only department in India, which offers both undergraduate and postgraduate courses in the discipline of Biophysics (Honours School). The department also offers excellent research opportunities leading to the award of Ph.D. degree. Apart from the traditional areas in Biophysics such as Cell and Molecular Biophysics, Radiation Biophysics, Membrane Biophysics and Neuro-Biophysics, the Department had put in efforts in recent times to move into new emerging areas such as Molecular Modelling, Bioinformatics, Molecular Imaging, Translational research in Cancer, Molecular Medicine, Nano-biophysics, Structural Biology and Nuclear Medicine. The department has been accorded UGC-SAP, DST-FIST and PURSE grant by various national agencies. The department has well equipped research and teaching laboratories along with advanced and sophisticated instruments. The literary and research wealth of the department reflects through its incredible list of publications.

More: <http://biophysics.puchd.ac.in>



Hargobind Khorana block, Panjab University, Chandigarh

Research Laboratory, Department of Biophysics

ABOUT THE CONFERENCE

The International Conference on Recent Trends in Biomolecules and Therapeutics organized by the Department of Biophysics, Panjab University aims to highlight the diversity, innovation and advances in the frontiers of biomolecular research. The conference shall focus on the advances and applications of bioactive molecules including both macro and micromolecules, with special emphasis on their use in treating different diseases as well as their applications in diagnosis. The scientific sessions by distinguished speakers and young scientists shall in-turn foster knowledge, research expertise and address challenges with the participants. The two day conference also intends to provide participants with lasting collaborations and networking opportunities.

More: <https://rtbt.puchd.ac.in/>

CONFERENCE THEMES

1. Molecular Medicine: Design, engineering, structure and applications.
2. Biomolecules in screening and diagnosis.
3. Computational biology, data science and big data analysis.
4. Advances in biomedical devices.
5. Bio-imaging in molecular and cell biology.
6. Biomaterials and nanotechnology.

WHO CAN ATTEND ?

Students, research scholars, faculty from colleges and universities, scientists working in R&D laboratories, industry professionals, technology experts and healthcare providers who are interested in enhancing knowledge and sharing research related to recent trends in biomolecules and therapeutics are invited to participate in the conference.



How to reach Panjab University <https://www.google.com/maps/@30.7475844,76.7511031,16.17z>

REGISTRATION

The participants can register for the conference by completing the registration form and paying the registration fees by demand draft drawn in favour of "RTBT 2023" payable at Chandigarh or by scanning the QR code. The Demand draft/ payment receipt along with the registration form should be mailed at rtbt@pu.ac.in. For Direct Bank Transfer, use following Account Details.

Account Holder Name	RTBT 2023
Account Number	41545649041
IFSC Code:	SBIN0000742
SWIFT Code	SBININBB

Registration fee details

Category	Early Bird (up to 30 th Jan 2023)	Regular (up to 28 th Feb 2023)
Students	1,200 INR	1,500 INR
Ph.D. students, Research scholars (JRF/SRF), Post Docs	1,700 INR	2,000 INR
Faculty / Delegates	2,700 INR	3,000 INR
Industry	4,700 INR	5,000 INR
Foreign delegates	200 \$	250 \$

Important Dates

Last date for submission of abstract	10 th February 2023
Notification for Acceptance of Abstract	28 th February 2023
Last Date of Registration	28 th February 2023
Conference	23 rd - 24 th March 2023

Accommodation

Out station students will be provided accommodation on twin sharing basis for 500 INR per night. Registered faculty and national delegates will be provided accommodation at any of the university guest houses i.e., Rajeev Gandhi guest house for 500 INR or ICSSR guest house for 500 INR or Golden Jubilee hall for 700 INR plus 18 % GST per night, depending upon availability. Free accommodation shall be provided to invited speakers and foreign delegates at university guest house or faculty guest house. Those who desire to stay in hotels should write to the organizing secretary well in advance and will have to pay an extra amount accordingly.

**Registration fee covers the certificate, conference kit, conference proceedings, conference lunch, tea and dinner. It, however, does not include hotel accommodation, hotel pick up facility and airport transfers. Limited accommodation available on the University campus will be provided on First come, first serve basis. No TA and DA will be paid to participants for attending the conference. Registration Fee once paid shall not be refunded.*

ABSTRACT SUBMISSION GUIDELINES

- The abstract should be typed in Times New Roman Font, Title should be in Caps and Bold, Author's Names in bold, addresses in italics. The name of the presenting author should be underlined. All the text should be in Font size 12 and 1.5 spaced. The abstract should be in MS-Word format and should not exceed 500 words.
- Abstract format is common for both oral and poster presentation. Kindly mention clearly whether the abstract is for oral or poster presentation. Please send your own work and novel analysis as abstract and these will be reviewed. Proper referencing of data is essential.
- For poster session during the conference you can bring your posters with proper formatting of title, author affiliations, main text, figures, reference, acknowledgement of funding agency if any. You should highlight the main findings boldly. The presenting author's name should be underlined
- Last date for submission of abstracts is 10th February 2023. Selected abstract would be invited for presentation. Highlight the theme in which you wish to present your poster / abstract.
- Only registered participants can submit the abstract and register for poster / oral presentation.
- Please email the abstract to rtbt@pu.ac.in if you find it difficult to send in the form.
- **For poster presentation**
- Only one author from the submitted abstract will be allowed to present his/her work. The authors are required to display posters of their research papers and be available to discuss and answer questions during the assigned poster session. Poster size dimensions are 48 x 36 inches.

Click here, for registration



For Registration Scan QR Code below



Click here, for accommodation



NO ON THE SPOT REGISTRATION

In case of queries, please contact

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rtbt@pu.ac.in

Confirmed Speakers

Plenary Lecture



Prof. Rajiv R. Mohan

Curators' Distinguished Professor of Ophthalmology and Molecular Medicine
Ruth M. Kraeuchi Missouri Endowed Chair Professor of Ophthalmology,
Director, One-health One-medicine Vision Research program
University of Missouri, United States of America

International Speakers



Prof. Allen Kaasik
Professor & Head
Pharmacology
University of Tartu
Tartu, Estonia



Prof. Markus Zweckstetter
Professor & Research Group Leader
German Center for Neurodegenerative Diseases
Max Planck Institute for Multidisciplinary Sciences
Göttingen, Germany



Prof. Ulrich Zachariae
Professor
Computational Biology
University of Dundee
United Kingdom



Dr. Saba Ferdous
Associate Lecturer
Cell & Developmental Biology
University College London
United Kingdom



Dr. Kiran Batta
Lecturer
Cancer Biology
The University of Manchester
United Kingdom

National Speakers



Prof. Shailja Singh
Professor
Special Centre for Molecular Medicine
Jawaharlal Nehru University
New Delhi, India



Prof. Anand Bachhawat
Professor
Biological Sciences
Indian Institute of Science Education & Research
Mohali, India



Prof. Jeyaraman Jeyakanthan
Professor & Head
Department of Bioinformatics,
Alagappa University
Tamil Nadu, India



Dr. Rajesh Kher
Director, Business Operations, Regulatory Medical Writing
Johnson & Johnson Private Limited
New Delhi, India



Dr. Atharva Poundrik
Assistant Professor
Center for Biomedical Engineering
Indian Institute of Technology
Ropar, India

Conference Patron



Prof. Renu Vig
Hon. Vice-Chancellor
Panjab University, Chandigarh

Organising Secretary



Dr. Avneet Saini
Chairperson
Department of Biophysics
Panjab University

Joint Organising Secretary



Dr. Naveen Kaushal
Assistant Professor
Department of Biophysics
Panjab University

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- Prof. Sukhbir Kaur, Fellow, Panjab University
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- Prof. Promila Pathak, Dean Students Welfare (women)
- Prof. Sushil Kumar Kansal, Dean, International Students
- Prof. Anupama Sharma, Dean, Alumni Relations
- Prof. Manu Sharma, Hony. Director, CIIPP
- Prof. Ganga Ram Chaudhary, Hony. Director, SAIF/CIL
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- Dr. Rohit Kumar Sharma, Coordinator, BioNEST
- Dr. Naresh Kumar, Incharge, RUSA-Incubation Centre
- Dr. Vishal Sharma, Coordinator, SWAYAM

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- Dr. Pavitra Ranawat
- Dr. Simran Preet
- Dr. Ravi Pratap Barnwal

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