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Venue

Central University of Punjab
VPO-Ghudda
Bathinda-151401

Scan for directions:



Important dates

Registration and Abstract
Submission deadline

25th July, 2025

Notification of Abstract
acceptance for Oral/ Poster
Presentation:

30th July, 2025

The Host Institution



The Central University of Punjab, has been established in 2009 along with other new Central Universities by an Act of Parliament (No 25, of 2009). Central University has completed a remarkable journey of 15 years. University is accredited 'A+' grade in 2023 in the second accreditation cycle by NAAC and has secured the NIRF rank of **83rd** in the University category and **23rd** in the Pharmacy category in 2024. It is credited with the highest per capita research funding.

The University's Department of Human Genetics and Molecular Medicine is involved in the Nationwide Mission on 'Pediatric Rare Genetic Disorders (PRaGeD)' funded by DBT, Govt. of India. This involves 16 Centers nationwide, with the Centre for DNA Fingerprinting and Diagnoses, Hyderabad, as the Nodal Centre.

National Conference on “Multi-Omics to Therapeutics: A Roadmap for Rare Pediatric Disorders”

Organized by
Central University of Punjab, Bathinda
under the aegis of
**DBT CTEP-Scheme and
Mission Program on
Rare Pediatric Genetic Disorders
(PRaGeD)**



सत्यमेव जयते



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Government of India

Date: 06/08/2025 to 07/08/2025

**Venue: Seminar Hall, Third Floor,
Central University of Punjab**

Contact Numbers:
9086080998, 9872694373, 7832097979, 9811219590

For any query, Email: pragedcup@gmail.com

About the Conference

The main goal of the conference entitled “Multi-Omics to Therapeutics: A Roadmap for Rare Pediatric Disorders” is to bring together leading experts, researchers, and clinicians to discuss the latest advancements in the diagnosis, treatment, and management of rare pediatric genetic disorders. This event aims to facilitate interdisciplinary collaborations and foster discussions on cutting- edge research findings, and emerging therapeutic approaches that can significantly improve outcomes in patients with rare disorders.

The conference will highlight innovative multi-omics technologies and methodologies in disease characterization, early diagnosis, and precision medicine. A key focus will be leveraging genomics, proteomics, metabolomics, and transcriptomics to develop targeted therapies for rare disorders. To encourage the next generation of scientists, the conference will provide young researchers and students with an opportunity to **present their work through poster presentations**, where they will receive valuable insights and mentorship from experts in the field.

This initiative aims to inspire and guide future researchers in pursuing breakthroughs in rare disorder therapeutics.

This conference seeks to shape a roadmap for integrating multi-omics into clinical practice by bringing together key stakeholders, ultimately enhancing patients’ lives affected by rare genetic conditions.

Topics Covered:

- ❖ Genomics and its application in rare disorders
- ❖ Proteomics, Metabolomics, and Epigenetics in disease characterization
- ❖ AI-driven multi-omics data integration
- ❖ Computational approaches for biomarker discovery
- ❖ Personalized medicine and targeted therapeutics
- ❖ Drug discovery and gene therapy innovations
- ❖ Ethical considerations in multi-omics research

Who can Attend

- Students (M.Sc./M.Pharm. /Pharm.D./M.D./M.S./M.Ch.)
- Ph.D./Research Scholars/Postdoctoral fellows
- Faculties working in the relevant area of specialization
- Industry Personnel

How to Apply

Interested candidates can apply through the registration link and share the payment details with the Organizers.

Registration Guidelines

Registration Fee (includes breakfast and lunch but no accommodation):

- | | |
|-------------------------------|----------|
| • Industry Personnel | 3000 INR |
| • Academic Faculty | 2000 INR |
| • Postdoctoral Fellow | 1500 INR |
| • Research Scholars/Residents | 1000 INR |
| • PG students | 500 INR |

*Registration fee is non-refundable

Registration and payment through online mode only.

Please visit registration link

<https://docs.google.com/forms/d/e/1FAIpQLSc7xsaFgnbh2aysw8S5yn86mPoKzVq-AGTB9HBZlrVdRmq5-A/viewform>

For fee payment click on this

<https://cup.samarth.edu.in/feeportal/index.php/>

Registration and abstract submission deadline July 25, 2025

Abstract Submission Guidelines

- The participants can submit abstract of original work for oral/poster presentation.
- All abstracts must be submitted through the link
- Abstract (Font size:12, Font type: Arial, Justified 1.5 spacing) should not be more than 250 words, and must include title, authors, and their affiliations.
- The panel of experts will review the abstracts, and the authors of the selected abstracts will be informed.
- Top three poster presentations will be awarded.