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CONNECTOMICS 2025

BRIDGING MEDICINE AND BYTES



Pre-conference Workshops: 28th July 2025

Conference: 29th – 30th July 2025



Dr. Prathap C Reddy Knowledge Centre

Apollo Institute of Medical Sciences and Research (AIMSR), Chittoor,
Andhra Pradesh, India

National Conference Organized by

Central Research Laboratory for Molecular Genetics,
Bioinformatics and Machine Learning, AIMSR Chittoor

Welcome to Apollo Institute of Medical Sciences and Research (AIMSR), Chittoor

Located in Apollo Knowledge City, AIMSR offers integrated learning with an 850-bed Government Hospital. Clinical excellence meets academic rigor with 21 medical specialties, modern ICUs, and research facilities.

The Apollo University (TAU)

Established in 2021, TAU fosters research-led education across technology, healthcare, and management, with international partnerships including Johns Hopkins and Harvard.

Apollo Hospitals Educational and Research Foundation (AHERF)

Both AIMSR and TAU are the constituent units of AHERF, a not-for-profit SIRO recognized by DSIR. AHERF drives healthcare innovation and education across India.

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Dr. Jyoti, Dr. Sayan Kumar Das, Dr. Govardhan, Dr. Ravikanth, Dr. Padmavathi, Dr. Sravana Deepthi	Scientific Committee
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SPEAKERS OF THE EVENT



Dr. Girisha K M
Professor, Genetics, Sultan Qaboos University, Oman



Dr. U S Chakradhara Rao
Assistant Professor, JIPMER, Pondicherry



Dr. J. Muthukumar
Associate Professor, Sharda University, UP



Dr. Vinod Scaria
Chief Data Officer, Karkinos Healthcare, Bengaluru



Dr. Ambily Sivadas
Assistant Professor, St. John's Research Institute, Bengaluru



Dr. Bani Jolly
Senior Scientist, Karkinos Healthcare, Bengaluru



Dr. Srikanth S Manda,
Associate Vice President, DrSeq Lab,
Nucleome Informatics Private Limited, Hyderabad



Dr. Priyanka Narad
Scientist-C, ICMR Head Quarters, New Delhi



Dr. Suruchi Aggarwal
Scientist-C, ICMR Head Quarters, New Delhi



Dr. T. S. Keshava Prasad,
Professor and Deputy Director, CSBMM, YRC,
Yenepoya, Mangaluru



Dr. Manjunath B Joshi
Associate Director-Research, Professor,
MSLS, MAHE, Manipal



Dr. Balamurugan Ramadass
Additional Professor, AIIMS, Bhubaneswar



Dr. Dinesh Upadhya
Associate Professor and Coordinator, Center for Molecular
Neurosciences, KMC, MAHE, Manipal



Dr. Satishkumar Maurya
Assistant Manager, HiMedia Laboratories Pvt. Ltd., Thane,
Maharashtra

REGISTRATION DETAILS

➔ **Early Bird Deadline:** 15/06/2025

➔ **Final Registration Date:** 10/07/2025

➔ **Registration Includes:**

- Registration Kit, all conference sessions and conference breakfast and lunch. Please note that the registration fee is non-refundable.
- **Free accommodation will be provided in the campus on twin sharing basis for first 50 registrations (Only UG, PG and PhDs) who are submitting the abstract* (*Subjected to approval by the scientific committee).**
*Refundable caution deposit of 1000/- for free accommodation to be paid .
- Poster presentations are invited on following themes:
Category – 1: Omics in Medicine and Health Sciences
Category – 2: Bridging Laboratory Science & Technology with Medicine and Health
Category – 3: Open category (That does not belong to Category – 1 and category – 2)
- **6 best abstracts will be selected for oral presentations. The results will be announced 10 days before the conference.**

LINKS

➔ **Registration link:** <https://forms.gle/tUxqwWMbys5LgoLD7>

➔ **Payment link:**



Last date for early bird registration – 15/06/2025
(Conference or Conference + Workshop)



Last date for registrations – 10/07/2025
(Workshop or Conference or Conference + Workshop)

Last date for abstract submission – 13/07/2025

Events	UG	PG	Faculty/PhD /Post-Doc	Corporate
Workshop only	3000	3000	3000	3000
Conference alone (Early Bird)	2500	4500	6000	7500
Conference + Workshop (Early Bird)	5000	7000	8000	9000
Conference Only (Late registration)	3000	5000	6500	8000
Conference + Workshop (Late registration)	5500	7500	8500	10000

PRE-CONFERENCE WORKSHOP



28th JULY 2025

(Each workshop is capped at 40 participants only)

- 8:00 AM – 9:00 AM Registrations and Breakfast
- 09:00 AM to 04:00 PM Workshop timings

➔ **Workshop 1:**

Understanding the Mechanism of Biomolecular and Small Molecular Interactions through In Silico Approaches
Resource Scientists: Dr.Chakradhara Rao U. S., Dr. J. Muthukumaran and Mr. Yash

➔ **Workshop 2:**

From Genome to Prescription: Applied Pharmacogenomics
Resource Scientists: Dr. Vinod Scaria, Dr. Ambily Sivadas, Dr. Bani Jolly

CONFERENCE SCHEDULE



29th JULY 2025

- 8:00 AM – 9:00 AM Conference Registration & Breakfast
- 9:00 AM – 9:30 AM **From Network to Novelty in Drug Discovery**
Dr. J Muthukumaran, Associate Professor
Sharda University
- 9:30 AM – 10:00 AM Inauguration
- 10:00 - 10:45 AM **Transcriptomic Data Analysis and Functional Interpretation**
Dr. Priyanka Narad, Scientist-C
ICMR, DHR, New Delhi
- 10:45 - 11:00 AM Tea break
- 11:00 - 11:45 AM **Proteoform Identification and Data Analysis**
Dr. Suruchi Aggarwal, Scientist-C
ICMR, DHR, New Delhi
- 11:45 AM – 12:45 PM **Oral presentations by the participants**
(Top 6 abstracts – 7 minutes each with 3 minutes of Q&A)
- 12:45 – 1:15 PM **Dr. Girisha KM, Cytogenetics/Molecular genetics, Professor, Genetics,** Sultan Qaboos University, Oman - Online session
- 01:15 – 2:00 PM Lunch Break
- 02:00 – 2:30 PM **To be announced**
University of Leicester, United Kingdom
- 02:30 – 03:15 PM **Implementation of pharmacogenomic testing in clinical practice, are we there yet?**
Dr. Chakradhar Rao U. S, Assistant Professor
JIPMER, Pondicherry
- 03:15 – 03:30 PM Tea break
- 03:30 – 05:00 PM **Poster presentations**

CONFERENCE SCHEDULE



30th JULY 2025

- 08:00 – 08:30 AM Breakfast
- 08:30 - 9:30 AM **Poster presentations**
- 09:30 – 10:05 AM **Genomics**
Dr. Srikanth S Manda, Associate Vice President
DrSeq Lab Nucleome Informatics Private Limited, Hyderabad
- 10:05 – 10:40 AM **The Journey of Transcriptomics: Bridging Basic Science**
Dr. Satish Kumar Maurya, Assistant Manager
Hi-Media Laboratories, Thane
- 10:40 – 11:15 AM **Proteomics**
Dr. T. S. Keshava Prasad, Professor and Deputy Director
CSBMM, YRC, Yenepoya (Deemed to be University), Mangalore
- 11:15 – 11:45 AM Tea break /Collaboration meeting and a group photo
- 11:45 AM – 12:20 PM **Systems Biology Approaches to Identify Mechanisms for Vascular Diseases**
Dr. Manjunath B Joshi, Associate Director-Research, Professor
Department of Ageing Research,
Manipal School of Life Sciences, MAHE, Manipal
- 12:20 – 12:55 PM **The Microbiome: The Missing Link in Undernutrition Biology**
Dr. Balamurugan Ramadass, Additional Professor
Department of Biochemistry Faculty-in-Charge, Center of
Excellence for Clinical Microbiome Research AIIMS, Bhubaneswar
- 12:55 – 01:45 PM Lunch Break
- 01:45 – 02:20 PM **To be announced**
University of Leicester, United Kingdom
- 02:20 – 02:55 PM **EV metabolomics identifies novel regulatory pathways in intermediary metabolism**
Dr. Dinesh Upadhya, Associate Professor and Coordinator
Centre for Molecular Neurosciences, KMC, MAHE, Manipal
- 02:55 – 04:00 PM **Poster presentations**
- 04 : 00 PM onwards **Valedictory**