

BRIC-THSTI SYNCHN 2024 EVENT REPORT



BRIC-Translational Health Science and Technology Institute

(an institute under the Department of Biotechnology, Government of India)

INDUSTRY MEET

SYNCHN सिंचन - 2024

SYNCHN (Synergy in science built through elements of collaboration for high quality data & expertise in NCR Biotech Cluster) would bring together leaders from Industry, Research Institutes, Policy makers, Investors to accelerate the development of new vaccines, diagnostics, therapeutics solutions and clinical trials.



BRIC-THSTI campus:

200 acres in National Capital Region of serene Aravalli hills; easy accessibility through Airport, National Highways, Railways. 500+ researchers working in campus, Globally trained PIs. The Bioscience Innovation Park hosting number of small, medium and large enterprises coming up on campus soon.

Best in class R&D facilities:

- Translational Research Facility (1 lakh sq. ft.)
- Medical Research Centre (1 lakh sq. ft. 50 bedded hospital for clinical research)
- Experimental Animal Facility (Ferrets (India's only facility), Small animals)
- Bioassay Lab (NABL accredited, only centralized laboratory of CEPI in India)
- Vaccine Design and Development Facility (used in Covid vaccine development)
- Multi-OMICS Facility (Genomics, metagenomics, Proteomics, Metabolomics, Lipidomics)
- Biobank (1.6 million Biospecimen, ISBER registered)
- Bioincubator (About 50 Start-Ups)
- Bio-safety level 3 facility, Immunology Core Laboratory, Data Connectivity Centre, others.

Leads available for industry collaboration under:

- Bio-therapeutics (Monoclonal antibodies, Microbiome, Phages, GMO)
- NexGen Vaccines | In-Vitro Diagnostics | Cell therapy
- Key support services: Biobanking | AI/ML for Clinical Research | Metabolic & Clinical Pharmacology

Venue and Date:



SUNDAY
14 JULY, 2024



TIME
10 AM TO 5 PM



Location:
THSTI Campus, Biotech Cluster,
Delhi - NCR, 3rd milestone,
Gurugram Faridabad Expressway,
Faridabad-121001

<https://maps.app.goo.gl/M1Ax4FPFEHsQWgNb8>

Know more:

Website: <https://thsti.res.in>
Email: workshop@thsti.res.in
Phone: 0126-2876442/299

EVENT FOCUSING ON BIO-INNOVATION AND BIO-MANUFACTURING :

- Business meetings: 1 on 1, small focused groups, Meet the PI, Meet the Director
- Know more, Ice breaking networking sessions
- BRIC institutions network



Program Schedule

09:00-09:30 AM	Meet & Greet
09:30-10:00 AM	THSTI poster exhibition
10:00-10:05 AM	Welcome Address by Prof. G. Karthikeyan, ED, THSTI
10:05- 11:05 AM	Presentations on Key Research Areas & Facilities of THSTI
10:05-10:15 AM	<i>Live Biotherapeutics by Dr Bhabatosh Das</i>
10:15-10:25 AM	<i>Monoclonal Antibodies by Dr Jayanta Bhattacharya</i>
10:25-10:35 AM	<i>Vaccines by Dr. Sweety Samal</i>
10:35-10:45 AM	<i>Small Molecules: In focus TB by Dr. Dinesh Mahajan</i>
10:45-10:55 AM	<i>In vitro Diagnostics by Dr. Gaurav Batra</i>
10:55-11:05 AM	<i>Cell Therapy by Dr. Amit Awasthi</i>
11:05-11:15 AM	Facilities by Dr. Ramandeep Singh
11:15-11:25 AM	Clinical and Development Services Agency by Dr Nitya Wadhwa
11:25-11:35 AM	Building the Future: TRF and MRC by Dr. Manish Diwan
11:35-11:45 AM	Address by the Guest of Honour, Prof N K Ganguly, Former DG, ICMR
11:45-11:55 AM	Address by Dr Rajesh S Gokhale, Secretary, Department of Biotechnology
11:55-12:15 PM	Presidential Address by the Chief Guest Prof. Vinod K. Paul, Member, NITI Aayog
12:15-12:45 PM	Industry perspectives for potential collaborations
12:45-13:30 PM	Open discussions
13:30-14:15 PM	Lunch
14:15 PM onwards	Break-out Sessions and Lab visits
	<ul style="list-style-type: none"> • Bridging the Gap: From Monoclonal Antibody Discovery to Industrial Development <i>Dr Jayanta Bhattacharya & team, Dr Dhananjay Patankar + Industry representatives</i> • Accelerating Live Biotherapeutics: A Collaborative Industry Approach <i>Dr Bhabatosh Das & team+ Industry representatives</i> • The Vaccine Frontier: NextGen Vaccines <i>Dr Sweety Samal & team + Industry representatives</i> • Diagnostics for All: Industry and Academia Partnering for Affordable, Quality In Vitro Diagnostics <i>Dr Gaurav Batra & team + Industry representatives</i> • Unlocking Potential: Accelerating Cell Therapy Innovation <i>Dr Amit Awasthi & team + Industry representatives</i> • From Discovery to Commercialization: Industry Strategies for Small Molecule Drug Development <i>Dr Dinesh Mahajan, Dr Ramandeep Singh & team + Industry representatives</i>
4:30 PM	Meet the Director, Feedback session & High Tea

Introduction to SYNCHN2024:

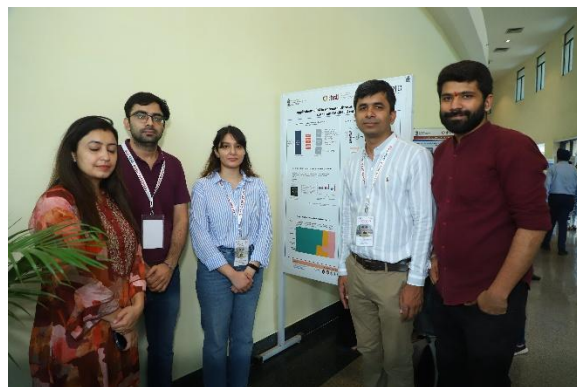
Translational Health Science and Technology Institute (THSTI) an institute of Biotechnology Research and Innovation Council (BRIC), Department of Biotechnology, Govt. of India hosted a successful industry meet, SYNCHN 2024 (Synergy in science built through elements of collaboration for high quality data & expertise in NCR Biotech Cluster), on July 14th, 2024 at its campus. This event brought together over 300 participants and prominent figures from 67 industries, thought leaders, scientists, investors, industry associations, scholars, and representatives from startups, DBT and BIRAC participated in the meet. The focus of SYNCHN 2024 was to foster and strengthen academia-industry collaborations, with a particular emphasis on THSTI's role in propelling biomanufacturing advancements.

Event details:

The event was organized at MK Bhan Auditorium, BRIC-THSTI, NCR Biotech Science Cluster, Gurugram-Faridabad expressway, Faridabad - 121001.



The event witnessed participation from scientists, investors, industry associations, scholars, and representatives from government organisations and nodal agencies.



The event hosted **Prof. Vinod K. Paul**, Member of NITI Aayog, as the Chief Guest, and **Prof. Nirmal K. Ganguly**, former Director General of ICMR, as the Guest of Honor. Both dignitaries emphasized on the need for strengthened industry-academia partnerships to accelerate bio-innovation and manufacturing in India. They also acknowledged THSTI's expertise, noting that it is well-equipped and strategically positioned to foster industry partnerships.



The event commenced with a welcome address to the delegates by **Prof. Ganesan Karthikeyan**, Executive Director, BRIC-THSTI and a Special Address by **Dr. Rajesh Gokhale**, Director General, BRIC and Secretary, DBT.





Poster Presentations:

Posters highlighting key technologies and research accomplishments were presented, actively fostering dialogue between industry and academia.



Multiple domain-specific discussions were held with industry partners to initiate collaborative dialogue and facilitate strategic partnerships.



The event provided invaluable insights and networking opportunities that emerged into **13 LoIs/MoUs** (mentioned below) signed during the THSTI's Foundation Day held on 15th of July in the presence of **Dr. Jitendra Singh Ji**, Hon'ble Minister of State (IC) Ministry of Science & Technology and Ministry of Earth Sciences; Minister of State for PMO, MoPPP, DAE and DoS, Government of India.

1. Name of the industry Collaborator: **Serum Institute of India Pvt. Ltd.**
Name of the THSTI PI: **Dr. Jayanta Bhattacharya**
Project: **Research and Development of Product against Nipah.**
2. Name of the industry Collaborator: **Serum Institute of India Pvt. Ltd.**
Name of the THSTI PI: **Dr. Sweety Samal**
Project: **Research and Development of Product against Respiratory Viruses**



3. Name of the industry Collaborator: **Aragen Life Sciences Ltd.**
Name of the THSTI PI: **Dr. Jayanta Bhattacharya**
Project: **Biologics Product Development and Manufacturing Technical Collaboration**



4. Name of the industry Collaborator: **Miltenyi Biotec India Pvt. Ltd.**
Name of the THSTI PI: **Dr. Amit Awasthi**
Project: **Research and development of Cell and Gene Therapy through Innovative Technologies**



5. Name of the industry Collaborator: **OmniBRx Biotechnologies Pvt. Ltd.**

Name of the THSTI PI: **Dr. Amit Awasthi**

Project: **Process Development, Testing and Validation for CAR-T Cell Therapy Manufacturing**



6. Name of the industry Collaborator: **Lysine Biotech Pvt. Ltd.**

Name of the THSTI PI: **Dr. Amit Awasthi**

Project: **Research and development of CAR-T cell therapy**



7. Name of the industry Collaborator: **Jivanu Therapeutics Pvt. Ltd.**

Name of the THSTI PI: **Dr. Bhabatosh Das**

Project: Manufacturing and Commercialization of Specific Bacteria With Therapeutic Implication



8. Name of the industry Collaborator: **Ruhvenile® Biomedical Pvt. Ltd.**

Name of the THSTI PI: **Dr. Bhabatosh Das**

Project: **Research and development of Bio and Microbiome Therapeutics**



9. Name of the industry Collaborator: **Hi Tech Biosciences India Pvt. Ltd.**

Name of the THSTI PI: **Dr. Bhabatosh Das**

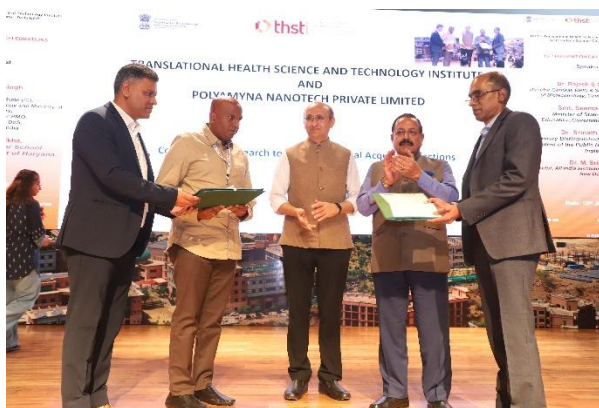
Project: **Research, Development and Commercialization of Probiotic and Live Bio-therapeutic Products**



10. Name of the industry Collaborator: **Polyamyna Nanotech Pvt. Ltd**

Name of the THSTI PI: **Dr. Krishnamohan Atmakuri**

Project: **Collaborative initiatives to Reduce Hospital Acquired Infections**



11. Name of the industry Collaborator: **Sphaera Pharma Pvt. Ltd**
 Name of the THSTI PI: **Dr. Dinesh Mahajan**
 Project: **Co-development of mTOR Inhibitors for NAFLD-associated HCC**



12. Name of the industry Collaborator: **Gennova Biopharmaceuticals Ltd.**
 Name of the THSTI PI: **Dr. Sweety Samal**
 Project: **Research and Development of Vaccines against Nipah and Influenza**



13. Name of the industry Collaborator: **Presude Life Sciences Pvt. Ltd.**
 Name of the THSTI PI: **Dr. Ruchi Tandon**
 Project: **Collaboration on Drug Discovery**

Aragen Life Sciences Limited	Ruhvenile Biomedical OPC Private Limited
Aurobindo Pharma Limited	Serum Institute of India Limited
Bigtec Labs/ MolBio	Sphaera Pharma Private Limited
Biological E Limited	Syngene International Limited
Curateq Biologics Pvt Ltd	Techinvention Lifecare Limited
Danaher Corporation	TEVA Pharm India Private Limited
Enzene Biosciences Limited	Thermo Fisher Scientific Inc.
Gennova Biopharmaceuticals Limited	TRACC Global Research & Consulting Private Limited
Govin Holdings	Veeda Clinical Research
Hi Tech BioSciences India Private Limited	SPARC (Sun Pharma Advanced Research Company)
Indian Immunological Limited	Association of biotechnology led enterprises (ABLE)
Intigus Biotec Private Limited	BCIL (Biotech Consortium India Limited)
Jivanu Therapeutics Private Limited	BIRAC (Biotechnology Industry Research Assistance Council)
Lysine Biotech Private Limited	DBT (Department of Biotechnology)
Mankind Pharma Limited	Emory University
Miltenyi Biotec	Empericus
MyLab Discovery Solutions Private Limited	FITT (Foundation for Innovation and Technology Transfer)
Navya Therapeutics Private Limited	Humonics Global Private Limited
OmniBrx Technologies Private Limited	ICT Mumbai
Panacea Biotec Limited	Indian Pharmaceutical Association (IPA)
Penam Laboratories Limited	IIT kanpur
PLUSS Advance Technologies Limited	Invest India
Polyamyna Nanotech Inc.	JSS STEP Noida
Premas Biotech Private Limited	
Presude Life Sciences Private Limited	
Qure.ai	

LAS Ventures Private Limited

Lady Hardinge Medical College (LHMC)

PATH

Physics Wallah (PW)

Quantum Innovation Fund

Quantumquip Softtech Private Limited

Sathi Foundation

Social Alpha

Shriram Institute for Industrial Research

Startup Incubation and Innovation Centre,
IIT Kanpur

TICEL Biopark, Chennai

USISPF (US-India Strategic Partnership Forum)

BBB Incubation Centre

Regional Centre for Biotechnology (RCB)

National Institute of Immunology (NII)

National Institute of Plant Genome
Research (NIPGR)

International Centre for Genetic
Engineering and Biotechnology (ICGEB)

National Brain Research Centre (NBRC)

Transform Sa Tech

USIN Foundation