



# Workshop on Computational Oncology

Multiscale Cancer Modeling and Computational Drug Discovery

9<sup>th</sup> - 11<sup>th</sup> April, 2026 | THSTI, Faridabad

Organized by



ट्रांसलेशनल स्वास्थ्य विज्ञान  
एवं प्रौद्योगिकी संस्थान  
TRANSLATIONAL HEALTH SCIENCE  
AND TECHNOLOGY INSTITUTE

In association with

Param Hansa Centre for Computational  
Oncology, IISc Bangalore

## Theme: Advances in Systems Oncology Modeling

The Computational and Mathematical Biology Centre (CMBC), THSTI, in collaboration with the Param Hansa Centre for Computational Oncology, IISc Bangalore, is organizing a Workshop on Computational Oncology, highlighting recent advances in systems-level cancer research. The workshop focuses on cancer systems modeling, omics-driven approaches including epigenetic, spatial, and single-cell analysis, and computer-aided drug design (CADD) with hands-on training using Schrödinger molecular modeling tools. Designed for students, researchers, faculty, and industry professionals, the workshop emphasizes interdisciplinary and translational cancer research.

### Focus Areas

- Introduction to Systems Oncology
- Computational Modelling
- Epigenetic Remodeling
- Spatial and Single-Cell Analysis
- Computational Biophysics & Structure-Based Modeling (Schrödinger)

### Speakers



Dr. Philip Maini  
University of Oxford



Dr. Debasisa Mohanty  
NII



Dr. Mohit Kumar Jolly  
IISc



Dr. Ramray Bhat  
IISc



Dr. Samrat Chatterjee  
THSTI



Dr. Shailendra Asthana  
THSTI



Dr. Debarshi Sanyal  
IACS



Dr. Sanjeev Galande  
SNIoE



Dr. Kundan Sengupta  
IISER Pune



Dr. Aayush Kant  
IIT Delhi



Dr. Jyothi Prabhu  
St Johns Research Institute



Dr. Geetashree Mukherjee  
theraCUES Innovations



Dr. Hamim Zafar  
IIT Kanpur



Dr. Tushar Maiti  
RCB



Dr. Parul Mehrotra  
IIT Delhi

### Organizers

Patron



Prof. G. Karthikeyan  
Executive Director, THSTI

Convenors

Dr. Samrat Chatterjee, Professor, THSTI  
Dr. Shailendra Asthana, Principal Scientist-II, THSTI  
Dr. Mohit Kumar Jolly, Associate Professor, IISc

### Registration Details

Category	Registration Fee (without accommodation)
UG/PG Students*	Rs. 3000/-
PhD Scholars*	Rs. 5500/-
Postdocs	Rs. 7000/-
Faculty/Scientist	Rs. 9000/-
Industry	Rs. 11000/-

\*On-campus accommodation will be provided to the shortlisted students @Rs.500/- per night.

**Registration and abstract submission deadline:**

28<sup>th</sup>-Feb **Extended to 15<sup>th</sup> March, 2026**

[https://thsti.in/componc\\_mcmcd/](https://thsti.in/componc_mcmcd/)

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