



**The Advanced Centre for Treatment, Research and Education in Cancer
Tata Memorial Centre**

**Jointly with
Immuno-Oncology Society of India (I-OSI)**

WORKSHOP ON CELL LINE GENERATION & CME ON TUMOR MICROENVIRONMENT



Presented by

**Department of Surgical Oncology, ACTREC, TMC
In alliance with I-OSI**

8th – 10th OCTOBER, 2026

<https://forms.gle/fEdanDPhNz1YExrw6>



WORKSHOP ON CELL LINE GENERATION

08th – 09th October, 2026 (Thursday & Friday)



Venue: Khanolkar Shodhika (KS) Auditorium, ACTREC, Tata Memorial Centre, Navi Mumbai, 410210

8th Oct 2026

Time	Activity	Details
09:00–10:00	Registration and Breakfast	—
10:00–13:30	Workshop	Tutorial and Demonstration for Tumor collection; single-cell suspension; primary culture setup; maintenance; freezing/revival; cell-line establishment & characterization; xenograft development & characterization; cell-line-based screening of chemo/herbal drugs Dr Arjun Singh, ACTREC Dr Jyoti Kode, I-OSI and Former PI, ACTREC Ms Akhila George, ACTREC Mrs Trupti Pradhan, ACTREC Ms Divya Gujar, ACTREC Ms Apeksha Kesarwani, ACTREC Ms Chinmayee Karnik, ACTREC And Team
13:30–14:15	Lunch	—
14:30–18:00	Facility Visits	• Confocal Microscopy (Officer In Charge: Dr Sorab Dalal) • Flow Cytometry (Officer In Charge: Dr Sanjeev Waghmare) • Karyotyping (Officer In Charge: Dr Dhanlaxmi Shetty) • Animal House (Officer In Charge: Dr Arvind Ingle and Dr Rahul Thorat) • PET-CT & Small Animal Radiation Facility (Officer In Charge: Dr Pradip Chaudhari) • Proteomics (Officer In Charge: Dr Sunil Shetty) • ACDSF (Officer In Charge: Dr Vikram Gota) • FIAT (Officer In Charge: Dr Vikram Gota) • Genomics Facility (Officer In Charge: Dr Pratik Chandrani)



WORKSHOP ON CELL LINE GENERATION

08th – 09th October, 2026 (Thursday & Friday)



Venue: Khanolkar Shodhika (KS) Auditorium, ACTREC, Tata Memorial Centre, Navi Mumbai, 410210

9th Oct 2026

Time	Activity	Details
08:30–9:30	Registration and Breakfast	—
09:30–11:15	Technical Session I	- Cell-Line Karyotyping & Spectral FISH – Dr Dhanlakshmi Shetty (ACTREC) - STR Profiling & Molecular Fingerprinting for Cell-Line/Patient Sample Authentication – Dr Pratik Chandrani (ACTREC)
11:15–11:30	Inauguration	Welcome by Dr Arjun Singh, ACTREC Dr Pankaj Chaturvedi, Director, ACTREC Dr Rakesh Jalali, President, I-OSI Dr Navin Khattry, Deputy Director, CRC-ACTREC Dr Sorab Dalal, Deputy Director, CRI-ACTREC Vote of Thanks by Dr Jyoti Kode, I-OSI and Former PI, ACTREC
11:30–12:00	Tea break	
12:00–13:00	Plenary session	Tissue Culture Setup, Primary Culture & Cell-Line Establishment – Dr Ramesh Bhonde (DPU, Pune)
13:00–13:30	Industry session	- Artificial Intelligence Based Application in Cytogenetics – Dr Amarnath T. (Metasystem India Pvt. Ltd.) - Accelerating Cell Line Development for Translational Research with Corning Solutions - Varnik Kumar – (Corning India)
13:30–14:30	Lunch	—
14:30–16:00	Technical Session II	- IPR Protection, Licensing & Commercialization – Dr Swarada P. (DHARA CONSUTANCY SERVICES, Pune) - Animal Models: Mouse Handling & Xenograft Generation – Dr Arvind Ingle (ACTREC)
16:00–16:30	High Tea	Interaction with faculty



CME ON TUMOR MICROENVIRONMENT

10th October, 2026 (Saturday)



Venue: Khanolkar Shodhika (KS) Auditorium, ACTREC, Tata Memorial Centre, Navi Mumbai, 410210

10th Oct 2026

Time	Activity	Topics
08:00–09:00	Registration and Breakfast	—
09:00–11:15	Session I	▪ Tumor Microenvironment Overview – Dr Shripad Banavali, TMH ▪ Basics of the Tumor Microenvironment – Dr Sharath Arandkar, ACTREC ▪ Immunology of the Tumor Microenvironment – Dr Subir Biswas, ACTREC
11:15–11:30	Tea Break	—
11:30–13:15	Session II	▪ Lessons from Radiation Oncology – Dr Deepti Sharma, Institute of Liver and Biliary Sciences, New Delhi ▪ Dismantling the Tumor Microenvironment—Brick by Brick: Insights from Ayurveda – Dr Padmaja, Venu Gopal Ayurved Chikitsa Kendra, Pune ▪ ECM stiffness: A key regulator of tumor mechano-microenvironment Dr. Sejal Patwardhan, ACTREC
13:15–13:30	Valediction	Closing remarks by Dr Chetan Dhamne, ACTREC and I-OSI
13:30–14:30	Lunch	—

Organizing Committee



Patron: Dr Pankaj Chaturvedi,
Director, ACTREC



Dr Navin Khattry
Deputy Director,
CRC-ACTREC



Dr Rakesh Jalali
President IOSI



Dr Girdhari Lal
General Secretary IOSI



Dr Sorab Dalal



Dr Chetan Dhamne



Dr Arjun Singh



Dr Jyoti Kode

Participants: 30

Knowledge to be covered : Tumor collection, processing for single cell suspension, setting up primary culture, maintenance, freezing/revival, establishment of cell line; characterization of cell line, xenograft development, characterization of xenograft; setting cell line as screening tool for testing various chemo/ herbal drugs

Facilities to visit: Confocal Microscopy, Flow cytometry, Karyotyping, Animal house, PET-CT and Small Animal Radiation Facility, Proteomic Facility, ACDSF, FIAT facility, Genomic facility

Registration Information

Kindly register using this link:

[CLICK HERE](#)

Registration Fees:

Category	Workshop	CME	Workshop + CME
Students	₹1,000	₹500	₹1,000
Faculty	₹2,000	₹1,000	₹2,500
Corporate	₹5,000	₹3,000	₹6,000

CME Credit points will be available through Maharashtra Medical Council for those eligible

****Registration deadline: 31st August 2026****

Category	Workshop + CME
Students	₹1,000
Faculty	₹2,500
Corporate	₹6,000

****Registration deadline: 30th September 2026****

Accommodation will be available on payment basis

Contact details of various accommodation option will be made available soon.

Contact Information

Phone: +91-22-68735000 extn 5153/ 5401 (Mrs Trupti Pradhan)

Email: actrec.iosi2026@gmail.com

Address: Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Plot

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