



**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 And Team
13:30–14:30	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)



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9th Oct 2026

Time	Activity	Details
09:00–10:00	Breakfast	—
10:00–11:30	Inauguration	KS Auditorium
11:30–12:00	High Tea	—
12:00–13:30	Technical Session I	Tissue Culture Setup, Primary Culture & Cell-Line Establishment – Dr Ramesh Bhonde (DPU, Pune); Cell-Line Karyotyping & Spectral FISH – Dr Dhanlakshmi (ACTREC)
13:30–14:30	Lunch	—
14:30–16:00	Technical Session II	Immunofluorescence & Immunophenotyping for Oral Cancer Markers – Dr Waghmare (ACTREC); STR Profiling & Molecular Fingerprinting for Cell-Line/Patient Sample Authentication – Dr Pratik Chandrani (ACTREC)
16:00–16:30	High Tea	—
16:30–18:00	Technical Session III	Animal Models: Mouse Handling & Xenograft Generation – Dr Arvind Ingle (ACTREC); IPR Protection, Licensing & Commercialization – Dr Swarada P. (Pune)



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	Breakfast	—
09:00–10:15	Session I	Tumor Microenvironment Overview – Dr. Shripad Banavali; Basics of the Tumor Microenvironment – Dr. Sharath Arandkar
10:15–10:30	Tea Break	—
10:30–11:45	Session II	Immunology of the Tumor Microenvironment – Dr. Subir Biswas; Current Therapies Targeting the Tumor Microenvironment – Dr. Kumar Prabhash / Dr. Vijay Patil
11:45–12:00	Tea Break	—
12:00–13:15	Session III	Lessons from Radiation Oncology – Dr. Deepti Sharma; Dismantling the Tumor Microenvironment—Brick by Brick: Insights from Ayurveda – Dr. Padmaja
13:15–13:30	Valediction	Closing remarks
13:30–14:30	Lunch	—



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10th Oct 2026

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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:

Link: <https://apps.actrec.gov.in/Events/Events/EventDetail?id=Jyi8dqiZ4iHd26zy0ITP8w==&type=OStxnL12u2x3BKnlue34bg==&pgtp=YOrTryxTwWWZsN977MXM+A==>

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

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

Contact Information

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