

BioSpect

the business of Bio

24 years of leveraging the business of Bio
www.biospectrumindia.co

Centre for 3D Cancer Omics launches at Indian Institute of Technology, Madras

11 October 2026 | News

Over the next five years, the programme will focus initially on breast cancer



The Centre for 3D Cancer Omics has been launched at Indian Institute of Technology, Madras, supported by the Gogri family, IIT Madras, and India's Translational Research Initiative (ITRI)

Housed at the Sudha Gopalakrishnan Brain Centre (SGBC), the Centre will build on its advanced 3D tissue imaging capabilities to develop a comprehensive 3D tumour atlas at single-cell resolution. By bringing together 3D tissue structure with molecular and liquid biopsy data, the Centre aims to build a deeper understanding of how tumours develop, evolve and respond to treatment.

Over the next five years, the programme will focus initially on breast cancer, with the ambition to translate this rich dataset into clinically actionable biomarkers, AI-enabled diagnostic tools, digital pathology applications and new avenues for targeted therapies.

The Centre is expanding its team and has the following full-time, onsite openings at the IIT Madras campus in Chennai:

Principal Project Scientist

Project Scientist, Cancer Biology

Project Scientist, Computational Biology

Research Associate, Histopathology & Genomics

Research Associate, Computational Biology

Project Manager

Lab Technician