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ICT and ITRI sign agreement to catalyse Rs 30 Cr support for Mumbai Biocluster Building

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Bridging the "valley of death" between early-stage discovery and scalable commercial translation



The Institute of Chemical Technology (ICT), Mumbai and the India's Translational Research Initiative (ITRI) have signed a formal Expression of Interest (EOI) to jointly catalyse the construction of the Mumbai Biocluster - a cutting-edge, eight-storey facility dedicated to advancing translational biopharmaceutical research, training, and manufacturing in India.

The Mumbai Biocluster is a response to one of the most critical challenges in Indian innovation - bridging the "valley of death" between early-stage discovery and scalable clinical and commercial translation.

This initiative, along with the catalytic support of ITRI, seeks to deliver a multiplier effect on national R&D output by accelerating innovations to the clinic and market through:

- A GMP-ready biologics pilot plant
- Dedicated centres for rare diseases, process development, synthetic biology, and AI-powered drug development
- Shared platforms for analytical sciences, formulation, and quality systems
- Advanced training and upskilling zones for India's biopharma workforce

The Mumbai Biocluster will offer high-end shared instrumentation to reduce capital burden using service driven business model; accelerated technology validation and scale-up infrastructure; cross-disciplinary collaboration platforms between departments and institutions; and workforce development programmes and entrepreneurship pathways for students and researchers.