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

Aksigen IVF launches Advanced Embryology Laboratory in Mumbai

25 March 2026 | News

New embryology laboratory integrates advanced embryology technologies and AI-enabled diagnostics



Aksigen IVF has announced the inauguration of its Advanced Embryology Laboratory in Andheri East, Mumbai, marking a significant milestone in building a digitally governed fertility ecosystem under its ROOTS 360 framework.

The laboratory was inaugurated by Dr Rupin Shah, a globally respected authority in andrology and a leading expert in the treatment of male infertility in India.

The newly operational embryology laboratory is a key component of ROOTS 360. It has been designed in accordance with ICMR and ESHRE guidelines and the ART Act 2021 standards, ensuring high levels of laboratory safety, quality control, and procedural consistency in assisted reproductive procedures.

The facility supports advanced IVF technologies including Intracytoplasmic Sperm Injection (ICSI), Intracytoplasmic Morphologically Selected Sperm Injection (IMSI), Preimplantation Genetic Testing (PGT/PGD), Laser Assisted Hatching, and advanced embryo culture and cryopreservation.

Aksigen IVF has invested in advanced technology to improve the understanding of male infertility. The centre is among the few IVF clinics in India to use the LensHooke CASA X12 Pro system, an AI-enabled semen analysis platform capable of assessing double-strand DNA fragmentation (DFI), enabling more objective and reproducible semen analysis and providing deeper insights into male fertility factors that may influence treatment outcomes.