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Insilico Medicine raises $60 M to launch AI-powered drug discovery robotics lab

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US and Hong Kong-based startup Insilico Medicine has completed a $60 million Series D financing from a syndicate of global investors with expertise in investing in the biopharmaceutical and life sciences sectors.

Insilico has developed a growing portfolio in frontier areas empowered by its proprietary AI platform. Seven programs in its internal pipeline have progressed to the IND-enabling stage, including a novel 3CL protease inhibitor for COVID-19 treatment, and two synthetic lethality programs targeting MAT2A and USP1 for oncology. It also successfully completed a Phase 0 microdose study and entered a Phase I clinical trial with its first internally developed program targeting fibrosis.

Capital raised in the round will further bolster Insilico’s financial position and fuel the growth of its advancing pipeline, including its lead program which is currently in a Phase I study, and continued development of its Pharma.AI platform.

The proceeds will also fund ongoing global expansion and planned strategic initiatives, including a fully automated, AI-driven robotic drug discovery laboratory, and fully robotic biological data factory to complement Insilico’s vast curated data assets.

Insilico has also expanded its collaborations with the pharmaceutical industry through co-development and software licensing deals with a number of major pharmaceutical companies.