

Stanford



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BIO

Rohit began his research at Stanford Medicine in 2003 and now oversees the Stanford Biobank and leads the institute's largest, research focused, ambulatory care group (Spectrum's Clinical & Translational Research Unit). Notably, he's established biorepository and associated big data infrastructure for multiple large-scale biobanks, both locally and globally, while also designing innovative cost-recovery business models for clinical and lab related research services at the university.

Rohit is currently leading the strategy, design, and development for the institute-wide biobanking solution, which includes a clinical and 'omics' connected software solution, amongst the many facets of the modernized infrastructure. His vision is that an informatics-first approach to human sampling will enable a centralized, virtual ecosystem for the multiple, federated biobanks. The research community will then have a transparent mechanism to provide compliant access to their existing phenotype-rich specimen catalogs, thus improving cohort-matched, sample utilization, and fostering collaboration. Ultimately, he expects access to these tools and resources will help democratize biospecimens, thus accelerating biomarker and therapeutic discoveries in precision health.