

STRECH



Seminars in Translational Research



February 20, 2026
9:00AM-10:00AM
Virtual Seminar

SCAN ME



Changing the world with the creation of a live attenuated TB vaccine-the path ahead by launching TXB BioPharma in San Antonio

Presented by Cory R.A. Hallam, PhD

Executive Vice President of Applied Science and Innovation at
Texas Biomedical Research Institute
Professor of Innovation Management

TB is the world's deadliest single infectious agent, responsible for over 10 Million new infections annually and over 1.2 Million deaths (even if vaccinated). The current standard of care, a vaccine based on a more than hundred year-old bovine-based strain, provides some protection for young children, but is inadequate for teenagers and adults. TB cases are rising globally, with eight countries-India, Indonesia, the Philippines, China, Pakistan, Nigeria, the Democratic of Congo, and Bangladesh-accounting for two-thirds of the total burden. Over nearly two decades, the lab of Dr. Kaushal has developed double and triple knock out strains of *Mycobacterium tuberculosis* (Mtb) that serve as the basis for a potential new live attenuated vaccine. Dr. Hallam and Dr. Kaushal are working to find novel pathways for bringing such innovations to market via the creation of an impact-based biomedical start-up. This lecture will walk through some insights on changing pathways for innovation and serve as a case study for new approaches being taken to accelerate science from the lab through to completion of a Phase I clinical trial.

For information on participating in the current monthly seminar.
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