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NUS Medicine launches new clinical trial centre to advance healthy longevity research in Singapore

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Spanning 350 square metres, the new Centre brings together state-of-the art facilities within an integrated multidisciplinary framework



Singapore's Yong Loo Lin School of Medicine, National University of Singapore (NUS Medicine), has launched a new Clinical Trial Centre under its Academy for Healthy Longevity, a pioneering hub to advance clinical research and catalyse educational excellence in precision geromedicine.

Spanning 350 square meters, the new Centre is poised to enhance research capabilities and accelerate the clinical translation of geroscience into real-world solutions. The new Centre is purpose-built to accelerate precision geromedicine research. It houses a comprehensive suite of assessments to measure organ health across all physiological systems under one roof. The center supports multiple clinical trials in parallel, and enables on-site collection and immediate processing of biological samples, streamlining operations, and enhancing reproducibility.

Center's new capabilities include advanced skin and scalp, ophthalmological and dental evaluations, as well as full-body bone mineral density scanning using Dual-Energy X-ray Absorptiometry (DEXA), sleep and behaviour monitoring, and an on-site investigative product repository. Together, these capabilities enable the most comprehensive evaluations available for healthy longevity clinical trials setting new benchmarks in global healthcare innovation.

Beyond clinical research, aligning with the highest standards of education, the Centre acts as the training ground for emerging scientists, healthcare professionals, and educators. It anchors the Academy's educational mission through programmes and courses that provide specific knowledge and skillsets for healthcare professionals looking to embark on their Healthy Longevity journey.

New initiatives, that are currently in the planning phase, will immerse learners in real-world clinical trials by directly engaging with a team of multidisciplinary professionals and researchers, offering hands-on exposure to data collection, clinical assessments, and translational research processes designed to enhance expertise in this vital field. This integrated training model is essential for bridging the gap between theoretical knowledge and practical application.

Among the ongoing trials at the Academy is PROMETHEUS (PRecision gerOMedicinE: Tailored Healthy agEing with lifestyle, sUpplements and drugS), a Singapore-based feasibility trial that won the Milestone 1 Semi-finalist Award in the global XPRIZE Healthspan1 in May 2025. This 8-week programme, involving 20 participants aged 50 to 80 years, tests a personalised regimen that combines exercise, targeted supplements, and lifestyle coaching, with completion expected in March 2026. Its findings will guide Singapore's submission to the XPRIZE Healthspan Finals in April 2026.