

Genomic Medicine and Precision Health: the OneDukeGen Study

ABOUT THE LECTURE

The potential and promise of genomic and personalized medicine has been promulgated for over twenty years but has had many challenges. We are now in an era where technology and science has collided with infrastructure for implementation science to allow us to successfully address the major gap in using genomic discoveries to improve patient, community and population health. This talk will review the current state of genomic discoveries and gaps that exist in implementation of genomic and personalized medicine; will highlight ongoing research in the burden of monogenic and polygenic diseases, multimodal biomarker data for improved risk prediction and drug development; discuss participant/patient-centric approaches for genomic medicine studies; and present the OneDukeGen genomic medicine study that is ongoing to address these issues.

Speaker: **Dr. Svati Shah**
 Ursula Geller Distinguished Professor of Medicine
 Associate Dean for Translational Research
 Duke University School of Medicine

Host: **Prof Patrick Tan**
 Senior Vice Dean, Research
 Duke-NUS Medical School

Date: **Tuesday, 30 July 2024**

Time: **1.00 PM - 2.00 PM**
(Light refreshments will be served at 12.30 PM)

Venue: **Duke-NUS Medical School**
Meeting Room 7C, Level 7

Contact Person: **Ms Serene Wie (serene.wie@duke-nus.edu.sg)**
Duke-NUS Research Affairs Department



ABOUT THE SPEAKER

Dr. Svati H. Shah is a physician scientist and Associate Dean of Translational Research in the Duke School of Medicine; Director of the Duke Center for Precision Health; Co-Director of Translational Research in the Duke Molecular Physiology Institute; and Vice-Chief of Translational Research and Director of the Adult Cardiovascular Genetics Clinic in the Division of Cardiology. She leads a translational lab focused on omics discovery for cardiometabolic disease pathways and biomarkers.

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