



2022 Kevin Graham Prevention Lecture

From reading the genome for risk to rewriting it for cardiovascular health



Speaker: Sekar Kathiresan, MD

CEO, Verve Therapeutics
Cambridge, MA

Learning Objectives

At the completion of this activity, the participants should be better able to:

- Name the three major genetic models for myocardial infarction risk – monogenic, polygenic and somatic.
- Describe how natural resistance mutations lower plasma LDL lifelong in some people and lead to protection against heart attack.
- Outline the development of a new class of medicines, which can edit the genome in an adult and lead to permanent lowering of LDL cholesterol after a single treatment.

Minneapolis Heart Institute Foundation Cardiovascular Grand Rounds

Date: October 3, 2022 | **Time:** 7:00 – 8:00 AM | **Location:** MHIF Learning Center (Suite 100, MHI Building)

Webinar: Please attend via webcast (you can join the webinar up to 15 minutes before the presentation starts at 7:00am).

Link to attend webinar: <https://zoom.us/j/438383016> or at mplsheart.org/gr

Dial in number: Dial: 929-205-6099 Webinar ID: 438-383-016 or iPhone one-tap: +19292056099, 438383016# (phone-in is anonymous and you will not receive CME credit)

About: Dr. Kevin Graham



Dr. Kevin J. Graham has been a tireless innovative thought leader in cardiology. His bold vision spearheaded Hearts Beat Back: The Heart of New Ulm Project – an initiative to reduce heart attacks and improve modifiable cardiovascular disease risk factors in a southwestern Minnesota community. This award-winning heart disease prevention initiative, offered in partnership with the Minneapolis Heart Institute Foundation®, Allina Health and the city of New Ulm, moved beyond the walls of health care establishments and into the community to make health and well-being the easy choice where people live, learn, work, worship and play.

He has been actively involved in the development of cardiology practice guidelines and computerized interfaces for cardiovascular disease management in both specialty and primary care settings. He has authored numerous articles in both preventive cardiology and managed care, especially with regard to quality measures.

Dr. Graham served as the President of the Minneapolis Heart Institute® and the Cardiovascular Services Division of Abbott Northwestern Hospital from 2007 to 2012. He established and led the Preventive Cardiology practice and was Director of Outpatient Clinical Laboratory at the Minneapolis Heart Institute®. Dr. Graham was also an Assistant Professor of Clinical Medicine at the University of Minnesota Medical School. He completed his residency in Internal Medicine at Hennepin County Medical Center and his fellowship in cardiovascular disease at the University of Minnesota.