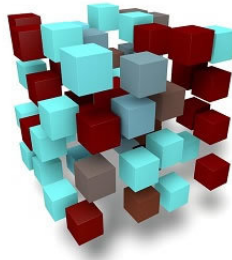


AHA's Collaborative Platform on Cardiovascular Disease



The American Heart Association has launched an online tool that aims to transform cardiovascular research and patient care. The AHA Precision Medicine Platform is a global, secure data discovery platform that makes it easier for scientists, physicians and researchers to access and analyse volumes of data on cardiovascular diseases and stroke.

The AHA Institute for Precision Cardiovascular Medicine is calling on all cardiovascular and stroke dataset owners and stewards to share their data as the first step in acquiring all the pieces needed to treat and prevent heart failure, stroke, coronary artery disease, atrial fibrillation and other cardiovascular diseases. Data from clinical trials, long-running epidemiologic studies, registries and real-time health data acquired through wearable devices and technology is sought.

The "game-changing" platform provides an opportunity to learn, search and discover in new and efficient ways – all these for the benefit of patients worldwide, according to Jennifer Hall, PhD, the AHA's Chief of the Institute for Precision Cardiovascular Medicine.

Several organisations are leading the way toward the future of open data by contributing their information to the secure platform, including AstraZeneca, Cedars-Sinai Heart Institute, Dallas Heart Study, Duke Cardiovascular Research Institute, Intermountain Health, the International Stroke Genetics Consortium, the National Heart, Lung and Blood Institute (NHLBI) and Stanford University.

"The increasing breadth and depth of medical data presents a tremendous opportunity to generate more nuanced and precise pre-diagnoses. However, leveraging this data requires tools capable of integrating data of diverse origin. The AHA Precision Medicine Platform can empower researchers with both the framework and tools to ease the burdens of data harmonisation, amplifying the insight available from their own data," explained Gabriel Musso, PhD, VP Life Sciences, BioSymetrics Inc., who has been actively using the platform during the initial phase.

The AHA's cloud-based resource was developed in collaboration with Amazon Web Services (AWS). Researchers are not charged for accessing the data but will pay a fee for cloud computing capabilities based on the current AWS model. Any revenue from cloud-based computing will be used to fund AHA's research initiatives.

The AHA Precision Medicine Platform is available at <https://precision.heart.org/> and is a marquee project of the AHA Institute for Precision Cardiovascular Medicine.

Source: [American Heart Association](#)
Image Credit: Pixabay

Published on : Mon, 20 Mar 2017