Stanford



Themistocles (Tim) Assimes

Professor of Medicine (Cardiovascular Medicine) and, by courtesy, of Epidemiology and Population Health

Medicine - Cardiovascular Medicine

Bio

BIO

I am a board-certified clinical cardiologist with a doctorate in Epidemiology and Biostatistics. I have over 30 years of medical practice and more than 25 years of research experience. I was born and raised in Montreal, Canada, where I earned my medical degree from McGill University in 1994. I then pursued nearly two years of surgical training before switching to internal medicine. I completed my residency in internal medicine and earned a master's degree in Epidemiology and Biostatistics at McGill University under the supervision of Dr. Samy Suissa, before moving to Stanford University in 2001 to pursue fellowship training in adult cardiology. During my fellowship and instructorship at Stanford, I completed a PhD in Epidemiology and Biostatistics with a focus on pharmacoepidemiology, again under Dr. Suissa's supervision.

Since relocating to Stanford, my main research focus has been identifying the genomic determinants of coronary heart disease (CHD) and its risk factors. This shift in my research direction was guided by the valuable advice and unique opportunities provided by Dr. Thomas Quertermous, former chief of the Division of Cardiovascular Medicine and my primary mentor for many years after I arrived at Stanford. Since then, I have dedicated most of my time to advanced population-based studies on the genomic causes of heart attacks and related conditions that increase risk, such as high cholesterol, smoking, diabetes, obesity, high blood pressure, and insulin resistance. My research extends beyond standard genetic variant association studies to include analyses, interpretation, and integration of multi-omic data; the construction and validation of polygenic scores; Mendelian randomization; epigenetic associations; and gene set enrichment analyses to uncover novel pathways of CHD in diverse populations.

In this context, I have contributed to and led numerous translational team science projects at both the national and international levels, representing Stanford in large consortia that meta-analyze genomic data. These include CARDIoGRAMplusC4D, GLGC, GIANT, GENESIS, TAICHI, and PAGE. I have also been an active investigator in the Women's Health Initiative (WHI) since 2010, serving as chair or co-chair of the WHI Genetics, Proteomics, and Biomarkers Scientific Interest Group, and as a member of the WHI Ancillary Studies Committee. Concurrently, I launched multiple genomic studies within WHI that generated resources such as blood methylation, circulating miRNA, telomere lengths, and bulk RNA-seq. Through WHI, I have also served as a senior or key co-investigator in NHLBI's Trans-Omics for Precision Medicine (TOPMed) program, leading whole-genome sequencing projects related to CHD.

Starting in 2016, I became deeply involved with the Million Veteran Program (MVP), serving as a senior or key co-investigator and PI on several funded projects focused on the genetics of cardiometabolic traits. I also held roles as co-chair of the MVP P&P Committee, the MVP CVD/Lipids Working Group, and the MVP COVID-19 Science Program Genomics and PRS Working Group. Due to my intensive involvement with MVP, I was appointed to a full-time position at the VA Palo Alto Healthcare System in 2018. In collaboration with Dr. Phil Tsao, overall and national co-PI of MVP, I hold key administrative

roles and coordinate the local genomics research within the recently established Precision Health Service at the Palo Alto VA. At the same time, I teach general cardiology and echocardiography to medical students, residents, and cardiology fellows at the Stanford-affiliated Palo Alto VA Hospital.

ACADEMIC APPOINTMENTS

- Professor, Medicine - Cardiovascular Medicine
- Professor (By courtesy), Epidemiology and Population Health
- Member, Cardiovascular Institute
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Nominating Committee, American Society of Human Genetics, (2025-2029)
- Co-Chair, CARDIoGRAMplusC4D (http://www.cardiogramplusc4d.org/), (2021- present)
- Co-Chair, VA Million Veteran Program Publications & Presentation Committee, (2021-2025)
- Clinical Lifelong Learning Committee, American Heart Association, (2020-2024)
- Director, Medical and Population Genomics for Precision Medicine, VA Palo Alto Health Care System, (2019- present)
- Program Committee, American Society of Human Genetics, (2019-2022)
- Associate Director, Palo Alto Epidemiology Research and Information Center for Genomics, Palo Alto VA Hospital, (2018- present)
- Steering Committee, Project Baseline, (2017-2020)
- Leadership Committee, Council of Genomic and Precision Medicine, American Heart Association, (2016-2020)
- Membership and Communications Committee, Council of Epidemiology and Prevention, American Heart Organization, (2016-2020)
- Steering Commitee, CARDIoGRAMplusC4D (http://www.cardiogramplusc4d.org/), (2012- present)
- Member, Ancillary Studies Committee, Women's Health Initiative, (2010- present)
- Co-chair / Chair, Women's Health Initiative Scientific Interest Group for Genetics, Proteomics & Biomarkers, (2010-2024)

HONORS AND AWARDS

- Highly Cited Researcher in the field of Cross-Field - 2025, Clarivate (11/12/2025)
- Elected Fellow, American Association for the Advancement of Science (AAAS), Section on Medical Sciences (11/18/2024)
- Elected member, American Society of Clinical Investigation (01/01/2020)
- Genomic and Precision Medicine and Epidemiology Mid-Career Research Award and Lecturer, American Heart Association (04/30/2019)
- 50+ Faces of Vanier College, Vanier College, Quebec, Canada (12/10/2018)
- Fellow of the American Heart Association (FAHA), council of Epidemiology and Prevention, American Heart Association (03/01/2016)
- Edwin L. Alderman award for excellence in Clinical Cardiovascular Research, Stanford University School of Medicine (2004, 2005)
- Fellow of the Royal College of Physicians of Canada, Royal College of Physicians and Surgeons of Canada (2000-2019)
- Chief Medical Resident, McGill University Medical Center - Royal Victoria Hospital (1999-2000)
- J.W. McConnell Scholarship, McGill Universtiy (1989-1994)

PROFESSIONAL EDUCATION

- MD, McGill University , Medicine (1994)
- Board Certified, American Board of Internal Medicine , Internal Medicine (not maintained beyond 2009) (1999)
- MS, McGill University , Epidemiology & Biostatistics (2001)
- Board Certified, American Board of Internal Medicine , Cardiovascular Medicine (2004)

- PhD, McGill University , Epidemiology & Biostatistics (2008)
- Testamur, National Board of Echocardiography , Adult Echocardiography (2022)

LINKS

- Linkedin: https://www.linkedin.com/in/tassimes/
- My NCBI Bibliography: https://www.ncbi.nlm.nih.gov/myncbi/themistocles.assimes.1/bibliography/public/
- My Web of Science Researcher Profile: https://www.webofscience.com/wos/author/record/D-9696-2015
- My Google Scholar: https://scholar.google.com/citations?user=KnwE7qoAAAAJ&hl=en
- My ABIM Board Certification: https://www.abim.org/verify-physician.aspx?type=id&id=188782
- Palo Alto ERIC for Genomics: https://www.vacsp.research.va.gov/CSP_Centers/Palo-Alto-ERIC-Genomics.asp
- X: https://x.com/tassimes
- My Bluesky: https://bsky.app/profile/tassimes.bsky.social

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our investigative focus is the design, conduct, analysis, and interpretation of human molecular epidemiology studies of complex cardiovascular disease (CVD) related traits. While we have focused on the study of coronary atherosclerosis, a condition that causes heart attacks, the number one cause of death worldwide, and risk factors for coronary atherosclerosis, we also examine many other traits related to cardiovascular disease. In addition to performing discovery and validation population genomic studies, we use contemporary genetic studies to gain important insight on the causal and mechanistic nature of associations between purported risk factors and adverse cardiovascular related health outcomes through instrumental variable analyses and genetic risk score association studies of intermediate phenotypes. Our group is also actively involved in studies assessing the clinical utility of novel genetic markers in isolation or in combination with other biomarkers. Lastly, we communicate the significance of genomic findings at the population level to molecular biologists who may lack a strong background in human genetics as well as human geneticists who lack a strong background in clinical medicine. Our group's broad translational knowledge base allows us to serve as a key collaborator in multidisciplinary investigative groups involved in the design and the interpretation of important functional experiments that will shed light on the biology behind these new genetic associations, as well as clinical trials the will help further delineate the utility of genomics in clinical practice.

Prospective Postdocs: We welcome inquiries for 1–2 year positions. To apply generally, email tassimes@stanford.edu with: 1) A summary of your training and experience. 2) A statement on why you are a good fit for the team. 3) Your CV/resume with at least two references. Please also check for specific project openings posted here: https://postdocs.stanford.edu/prospective/opportunities (search "Assimes").

Other Trainees: We also encourage inquiries from Masters/PhD students, medical students, and residents interested in research. Please contact us at the email above.

We are always interested in connecting with passionate researchers. While we appreciate every application, the high volume of interest means we can only follow up with those whose backgrounds match our current project needs. If you haven't heard back within two weeks, thank you for your understanding that we are not able to move forward with your application.

CLINICAL TRIALS

- Personal Genomics for Preventive Cardiology, Not Recruiting

PROJECTS

- Understanding how food & gene interactions impact LDL-C and drive variability in dietary responses - Stanford University School of Medicine (8/15/2026 - 4/30/2031)
- Intersecting clinical, genomic, and experimental investigation to understand the mechanisms and impact of coronary artery patterning - VA Palo Alto Healthcare System (PAVIR) / Stanford University School of Medicine / VA Eastern Colorado Health Care System (8/1/2024 - 7/31/2028)
- Genetics of Cardiometabolic Diseases in the VA Population - Veterans Health Administration (1/1/2017 - 9/30/2027)
- Using genetic variation to study biology of blood lipids & coronary heart disease - Boston University Medical Campus (7/1/2020 - June 30, 2026)
- ADVANCE (Accelerate Innovation in Diabetes LeVeraging Unique PAthways iN Asians Program) - Stanford University School of Medicine (1/1/2025 - 12/31/2029)
- Whole-genome sequencing analysis of coronary atherosclerosis and related traits - University of Texas Health Science Center Houston, Houston, TX, United States (3/17/2020 - 2/28/2026)
- Genome-wide association study of coronary artery disease in individuals of African ancestry - Vanderbilt University Medical Center (9/17/2020 - 7/31/2025)
- Polygenic Risk Scores (PRS) for Diverse Populations - Bridging Research and Clinical Care - Fred Hutchison Cancer Research Center (8/1/2020 - 7/31/2026)
- Proteomic Determinants of direct measures of insulin sensitivity - Stanford University School of Medicine (4/1/2018 - 3/31/2025)
- New methods for constructing and evaluating polygenic scores - Stanford University School of Medicine (9/14/2020 - 6/30/2025)
- Efficient electronic phenotyping using APHRODITE in the Million Veteran Program - Palo Alto VA Health Care System (8/1/2019 - 7/31/2021)
- Using census data linkages to study long-term impacts on disparities in DNA methylation - Stanford University School of Medicine (9/14/2018 - 9/13/2020)
- Integrative multi-omics in whole genome studies of HLBS disorders - Stanford University School of Medicine (5/1/2018 - 4/30/2020)
- Whole Genome Sequence Analysis of Ischemic Stroke in the Women’s Health Initiative - Fred Hutchinson Cancer Research Center (4/5/2017 - 1/31/2021)
- The Baseline Study - Stanford University School of Medicine (6/1/2016 - present)
- Causal associations of circulating biomarkers with cardiovascular disease - Stanford University School of Medicine (2/1/2017 - 1/31/2020)
- The Epigenetics Leads To Age-Related Diseases (Gilga-Mesh) Network - University of California Los Angeles (10/1/2015 - 3/31/2018)
- Coronary Artery Disease Genetics in Large Sample of Taiwan Chinese - Harbor-UCLA Medical Center (10/1/2015 - 3/31/2018)
- Women's Health Initiative - Regional Centers 2015-2020 - Stanford University School of Medicine (10/15/2015 - 10/14/2020)
- A pilot RNA-seq study among Long Life Study participants of the WHI - Stanford University School of Medicine (3/1/2015 - 8/31/2015)
- Determinants of Insulin mediated glucose update in South Asians - Stanford University School of Medicine (4/1/2011 - 1/31/2015)
- Utility of the Aviir risk score in predicting incident coronary heart disease in the WHI - Stanford University School of Medicine (8/1/2011 - 7/31/2013)
- A randomized trial of personal genomics for preventive cardiology - Stanford Research Pilot Grant, Innovation Awards in Population Medicine (5/1/2011 - 4/30/2012)
- Integrative genomics and risk of CHD and related phenotypes in the Women’s Health Initiative - Stanford University School of Medicine (3/29/2013 - 3/28/2016)
- Whole Genome Association for Early Coronary Artery Disease and Related Phenotypes - Stanford University School of Medicine / Kaiser Permanente DOR (10/1/2006 - 7/31/2010)

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Jiaqi Hu

Master's Program Advisor

Pydi Akella, Francis Twene

Postdoctoral Research Mentor

Alexa Barad Zayat, Hirotaka IEKI, Dennis Khodasevich, Dayoon Kwon

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiovascular Medicine (Fellowship Program)
- Epidemiology (Masters Program)
- Genetics (PhD Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Association Between Saturated Fat Intake and Low-Density Lipoprotein Cholesterol Across the Genetic Spectrum.** *JACC. Advances*
  Barad, A., Ritter, V., Nudy, M., Van Horn, L., Allison, M. A., Spracklen, C. N., Liu, L., Jung, S. Y., Manson, J. E., Assimes, T. L., Stefanick, M. L., Clarke, S. L.
  2026: 103423

- **Comparative and Sex-Specific Assessment of Proteomics, Clinical, and Genomic Data on Visceral Adipose Tissue Volume Using Machine Learning in UK Biobank: Advancing Precision Medicine.** *Circulation. Genomic and precision medicine*
  Azizi, Z., Gupte, T., Kho, P. F., Zhou, J., Nzenkue, K., Guarischi-Sousa, R., Panyard, D. J., Chen, M. L., Abbasi, F., Clarke, S. L., Knowles, J. W., Tsao, P. S., Assimes, et al
  2026: e005465

- **Association Between AHA's Life's Essential 8 Score and Telomere Length in the VA's Million Veteran Program**
  Huang, R., Hilliard, A., Tsao, P. S., Assimes, T. L., Clarke, S. L.
  LIPPINCOTT WILLIAMS & WILKINS.2026: A10657

- **Decoding personal and population variability in the human multiome.** *medRxiv : the preprint server for health sciences*
  Panyard, D. J., Parra, M. A., Roberts, A. K., Ieki, H., Mishra, T., Bararpour, N., Jaiswal, A., Schüssler-Fiorenza Rose, S. M., Contrepois, K., Hornburg, D., Ahadi, S., Shen, X., Assimes, et al
  2026

- **Multi-Ancestry GWAS of Triglyceride-to-HDL Ratio in 1.2 Million Individuals Reveals Distinct Mechanisms of Insulin Resistance and Cardiometabolic Risk**
  Singh, U., Kho, P., Diao, R., Zhou, J., Smith, L., Hu, S., Zhou, S., Assimes, T. L., Majithia, A. R., Yoshiji, S.
  WILEY.2026: 49

- **From task-specific AI to cardiovascular foundation models: a new era of multimodal interpretation.** *Heart (British Cardiac Society)*
  Ieki, H., Cheng, P., Ambrosy, A. P., Kwan, A. C., He, B., Assimes, T. L., Zou, J. Y., Ouyang, D.
  2026

- **Association between saturated fat intake and low-density lipoprotein cholesterol across the genetic spectrum: Results from the Women's Health Initiative.** *medRxiv : the preprint server for health sciences*
  Barad, A., Ritter, V., Nudy, M., Horn, L. V., Allison, M. A., Spracklen, C. N., Liu, L., Jung, S. Y., Manson, J. E., Assimes, T. L., Stefanick, M. L., Clarke, S. L.
  2026

- **Body mass index and breastfeeding behavior among women participants in the Million Veteran Program.** *BMC pregnancy and childbirth*
  Lankester, J., Guarischi-Sousa, R., Hilliard, A. T., Shere, L., Husary, M., Crowe, S., Tsao, P. S., Rehkopf, D. H., Assimes, T. L.
  2026; 26 (1)

- **Linkage disequilibrium and allelic heterogeneity explain variation in coronary artery disease risk at 9p21 across populations and reduced effect in Africans.** *American journal of human genetics*
  Alkhairo, H., Koyama, S., Iyer, K., Hilliard, A. T., Kho, P. F., Clarke, S., Abdulwahab, F. M., Assimes, T. L., Lynch, J. A., Ramsay, M., Chang, K. M., Tsao, P. S., Alkuraya, et al
  2026

- **Exome-wide association study of blood lipids in 1,158,017 individuals from diverse populations.** *Nature genetics*
  Koyama, S., Yu, Z., Choi, S. H., Jurgens, S. J., Selvaraj, M. S., Klarin, D., Huffman, J. E., Clarke, S. L., Zhang, S. K., Trinh, M. N., Ravi, A., Dron, J. S., Spinks, et al
  2026

- **Multi-cohort proteogenomic analyses reveal genetic effects across the proteome and diseasome.** *Cell*
  Koprulu, M., Smith-Byrne, K., Ferolito, B. R., Macdonald-Dunlop, E., Luan, J., Hedman, Å. K., Ogamba, C. F., Kuliesius, J., Repetto, L., Ramisch, A., Abbasi, F., Ärnlöv, J., Assimes, et al
  2026

- **Causal relationship between epigenetic markers and type 2 diabetes in West African populations: a Mendelian randomisation analysis.** *Diabetologia*
  Meeks, K. A., van der Linden, E. L., Bentley, A. R., Doumatey, A. P., Henneman, P., Franceschini, N., Assimes, T. L., Chilunga, F. P., Hayfron-Benjamin, C. F., Owusu-Dabo, E., Chen, G., Agyemang, C., Adeyemo, et al
  2026

- **Association between cannabis use and major depressive disorder: a population-based cross-sectional study.** *Journal of cannabis research*
  Ning, Y., Sun, J., Zhou, J., Wang, Y., Shang, Z., Li, M., Li, H., Sun, Y. X., Wu, Y., Assimes, T. L., Zhang, H., Chen, G.
  2026

- **Association between AHA's Life's Essential 8 and Coronary Artery Plaque Burden in the VA Million Veteran Program**
  Huang, R., Hilliard, A., Tsao, P., Assimes, T., Clarke, S.
  LIPPINCOTT WILLIAMS & WILKINS.2026: ATH938

- **Genetic Propensity Modifies the Association Between Saturated Fat Intake and Low-Density Lipoprotein Cholesterol**
  Barad, A., Stefanick, M., Assimes, T., Clarke, S.
  LIPPINCOTT WILLIAMS & WILKINS.2026: AMPTH76

- **DispatchMAS: fusing taxonomy and artificial intelligence agents for emergency medical services.** *BMC emergency medicine*
  Li, X., Yu, H., Wang, W., Wu, Y., Zhou, J., Hua, W., Lin, X., Tan, W., Zhu, L., Chen, B., Chen, G., Chen, M. L., Zhou, et al
  2026; 26 (1)

- **Angiographic Burden of Coronary Atherosclerosis Partially Mediates the Association Between ASCVD Risk Factors and Outcomes.** *Circulation. Genomic and precision medicine*
  Tsao, N. L., Abramowitz, S. A., Shakt, G. E., Judy, R., Hilliard, A. T., Damrauer, S. M., Assimes, T. L., Clarke, S. L., Tcheandjieu, C., Levin, M. G.
  2026: e005266

- **The proteomic profile of leisure time physical activity across two decades: implications for future cardiovascular risk and mortality.** *European journal of preventive cardiology*
  Enarsson, M., Gustafsson, S., Lampa, E., Rudholm Feldreich, T., Beigrezaei, S., Butterworth, A. S., Elmståhl, S., Engström, G., Hveem, K., Johansson, M., Lind, L., Nilsson, P. M., Perola, et al
  2026

- **Opportunistic Genomic Screening for Familial Hypercholesterolemia to Improve Low-Density Lipoprotein Cholesterol: A Randomized Clinical Trial.** *JAMA network open*
  Vassy, J. L., Brunette, C. A., Yi, T., Assimes, T. L., Christensen, K. D., Knowles, J. W., Sturm, A. C., Sun, Y. V., Alexander, N., Cardellino, M. P., Harrison, A., Gerety, H. L., Pyatt, et al
  2026; 9 (1): e2549664

- **Simulated patient systems powered by large language model-based AI agents offer potential for transforming medical education.** *Communications medicine*
  Yu, H., Zhou, J., Li, L., Chen, S., Gallifant, J., Shi, A., Sun, J., Li, X., He, J., Hua, W., Jin, M., Chen, G., Zhou, et al
  2025

- **Biological aging and gout risk in hyperuricemia: a UK biobank cohort study.** *International journal of surgery (London, England)*
  Li, N., Chen, Z., Han, M., Shang, A., Zhou, J., Sun, Y. X., Li, Y., Sun, J., Shen, A., Yang, Y., Wei, B., Lin, F., Zhou, et al
  2025

- **Genome-wide gene-sleep interaction study identifies novel lipid loci in 732,564 participants.** *Atherosclerosis*
  Noordam, R., Wang, W., Nagarajan, P., Wang, H., Brown, M. R., Bentley, A. R., Hui, Q., Kraja, A. T., Morrison, J. L., O'Connel, J. R., Lee, S., Schwander, K., Bartz, et al

2025; 412: 120603

- **An Exploratory Study for Proteomic-Based Markers of Joint Pain and Chronic Back Pain.** *European journal of pain (London, England)*
  Schillemans, T., Rönnegård, A. S., Assimes, T. L., Peterson, M., Wändell, P., Lind, L., Ärnlöv, J.
  2025; 29 (10): e70158

- **Expanding Insights Into the Genetic Architecture of Coronary Artery Disease: A Multi-Ancestry and Multi-Trait Genome-Wide Meta-Analysis Among #2 Million Individuals**
  Murgia, F., Kho, P., Nyberg, A., Goel, A., Zhu, X., Koyama, S., Deloukas, P., Kaikkonen-Maatta, M., Assimes, T. L., Hopewell, J. C., CARDIoGRAMplusCD Consortium
  WILEY.2025

- **Biobank-scale genetic mapping identifies the shared genetic landscape of rheumatic and cardiovascular disease**
  Panyard, D., Li, D., Kho, P., Guarischi-Sousa, R., Zhou, J., Hilliard, A., Bartels, C., Tsao, P., Assimes, T.
  WILEY.2025: 35-37

- **Polygenic risk score for type 2 diabetes shows context-dependent effects across populations.** *Nature communications*
  Guo, B., Cai, Y., Kim, D., Smit, R. A., Wang, Z., Iyer, K. R., Hilliard, A. T., Haessler, J., Tao, R., Broadaway, K. A., Wang, Y., Pozdeyev, N., Stæger, et al
  2025; 16 (1): 8632

- **Systems Age: a single blood methylation test to quantify aging heterogeneity across 11 physiological systems.** *Nature aging*
  Sehgal, R., Markov, Y., Qin, C., Meer, M., Hadley, C., Shadyab, A. H., Casanova, R., Manson, J. E., Bhatti, P., Moore, A. Z., Crimmins, E. M., Hagg, S., Assimes, et al
  2025

- **Polygenic prediction of body mass index and obesity through the life course and across ancestries.** *Nature medicine*
  Smit, R. A., Wade, K. H., Hui, Q., Arias, J. D., Yin, X., Christiansen, M. R., Yengo, L., Preuss, M. H., Nakabuye, M., Rocheleau, G., Graham, S. E., Buchanan, V. L., Chittoor, et al
  2025

- **CYP2C19 Polymorphisms and Clinical Outcomes Following Percutaneous Coronary Intervention in the Million Veteran Program.** *Clinical pharmacology and therapeutics*
  Chanfreau-Coffinier, C., Friede, K. A., Plomondon, M. E., Lee, K. M., Lu, Z., Dinatale, T., DuVall, S. L., Vassy, J. L., Waldo, S. W., Cleator, J. H., Maddox, T. M., Rader, D. J., Assimes, et al
  2025

- **Cross-Ancestry Associations of Spontaneous Coronary Artery Dissection Genetic Risk With Coronary Atherosclerosis and Migraine Headache.** *Journal of the American Heart Association*
  Xu, C., Yang, M. L., Kho, P. F., Clarke, S. L., Tcheandjieu, C., Peyser, P. A., Fann, C. S., Chen, S. P., Saw, J., Zhou, X., Assimes, T. L., Ganesh, S. K.
  2025: e036525

- **Bidirectional associations of zinc supplement intake with biological ageing interacted by metabolic equivalent of task: A large-scale population-based Biobank study.** *Clinical nutrition (Edinburgh, Scotland)*
  Zhou, Y., Zhou, J., Li, Z., Wang, J., Li, H., Yin, X., Gao, J., Wu, Y., Li, J., Sun, Y. X., Li, Y., Wang, W., Eser, et al
  2025; 50: 1-9

- **Plasma proteomic signatures for type 2 diabetes and related traits in the UK Biobank cohort.** *Diabetes research and clinical practice*
  Gupte, T. P., Azizi, Z., Kho, P. F., Zhou, J., Nzenkue, K., Chen, M. L., Panyard, D. J., Guarischi-Sousa, R., Hilliard, A. T., Sharma, D., Watson, K., Abbasi, F., Tsao, et al
  2025: 112194

- **A multi-trait genome-wide association study of coronary artery disease and subclinical atherosclerosis traits.** *Research square*
  de Vries, P., Hasbani, N., Heath, A., Hodonsky, C., Hahn, J., Meena, D., Lu, H., Dehghan, A. A., Kavousi, M., Voight, B., Peyser, P., Morrison, A., Assimes, et al
  2025

- **Cross-sectional, interventional, and causal investigation of insulin sensitivity using plasma proteomics in diverse populations.** *Metabolism: clinical and experimental*
  Kho, P. F., Wary, N., Zanetti, D., Abbasi, F., Knowles, J. W., Panyard, D. J., Watson, K. T., Stell, L., Lazzeroni, L. C., Gustafsson, S., Lind, L., Petrie, J. R., Assimes, et al
  2025: 156263

- **Rare damaging CCR2 variants are associated with lower lifetime cardiovascular risk.** *Genome medicine*
  Georgakis, M. K., Malik, R., Bounkari, O. E., Hasbani, N. R., Li, J., Huffman, J. E., Shakt, G., Tack, R. W., Kimball, T. N., Asare, Y., Morrison, A. C., Tsao, N. L., Judy, et al
  2025; 17 (1): 27

- **CXCL12 drives natural variation in coronary artery anatomy across diverse populations.** *Cell*
  Rios Coronado, P. E., Zhou, J., Fan, X., Zanetti, D., Naftaly, J. A., Prabala, P., Martínez Jaimes, A. M., Farah, E. N., Kundu, S., Deshpande, S. S., Evergreen, I., Kho, P. F., Ma, et al
  2025

- **Premorbid predictors of death at initial presentation of coronary heart disease in the Women's Health Initiative study.** *American journal of preventive cardiology*
  Chen, M. L., Li, J., Iyer, K. R., Tcheandjieu, C., Jimenez, S., Salfati, E. L., Del Gobbo, L. C., Stefanick, M. L., Desai, M., Xue, X., Assimes, T. L.
  2025; 21: 100931

- **Insights from the largest diverse ancestry sex-specific disease map for genetically predicted height** *NPJ GENOMIC MEDICINE*
  Papadopoulou, A., Litkowski, E. M., Graff, M., Wang, Z., Smit, R. J., Chittoor, G., Dinsmore, I., Josyula, N. S., Lin, M., Shortt, J., Zhu, W., Vedantam, S. L., Yengo, et al
  2025; 10 (1): 14

- **Unveiling the Genetic Landscape of Coronary Artery Disease Through Common and Rare Structural Variants.** *Journal of the American Heart Association*
  Iyer, K. R., Clarke, S. L., Guarischi-Sousa, R., Gjoni, K., Heath, A. S., Young, E. P., Stitziel, N. O., Laurie, C., Broome, J. G., Khan, A. T., Lewis, J. P., Xu, H., Montasser, et al
  2025: e036499

- **A genetically based computational drug repurposing framework for rapid identification of candidate compounds: application to COVID-19.** *medRxiv : the preprint server for health sciences*
  Voloudakis, G., Lee, K. M., Vicari, J. M., Zhang, W., Hoagland, D., Venkatesh, S., Bian, J., Anyfantakis, M., Wu, Z., Rahman, S., Gao, L., Cho, K., Lee, et al
  2025

- **Oral Health, Inflammation, and Cardiometabolic Factors in the VA Million Veteran Program.** *JDR clinical and translational research*
  Yu, Y. H., Pridgen, K. M., Nelson, T. J., Miller, D. R., Wells, J. M., Assimes, T. L., O'Donnell, C. J., Tsao, P. S., Chang, K. M., Lynch, J. A.
  2024: 23800844241291780

- **Genome-wide association analyses identify distinct genetic architectures for age-related macular degeneration across ancestries.** *Nature genetics*
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