Stanford

Thomas Quertermous, MD

William G. Irwin Professor in Cardiovascular Medicine

Medicine - Cardiovascular Medicine

CONTACT INFORMATION

- **Alternate Contact**

  Lida Young - Administrative Assistant

  Email Liday@stanford.edu

  Tel 650-736-2289

Bio

ACADEMIC APPOINTMENTS

- Professor, Medicine - Cardiovascular Medicine
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

LINKS

- Quertermous Lab homepage: http://quertermous.stanford.edu

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The Quertermous laboratory employs two basic approaches of study to better understand the genetic basis of atherosclerotic heart disease. One approach uses basic molecular biology methodology, primarily working with cellular and genetic mouse models, and is focused on the recently identified apelin-APJ pathway. A second approach employs the power of modern human genetics. Informative cohorts have been collected that allow investigation of risk factors such as hypertension and insulin resistance as well as coronary heart disease. Initial studies have employed the candidate gene approach, and more recently whole genome association studies, to identify allelic variation that is associated with risk factor and disease susceptibility.

CLINICAL TRIALS

- Permission to Collect Blood Over Time for Research, Not Recruiting

Teaching

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Stephen Chang

Postdoctoral Faculty Sponsor

Laeya Abdoli Najmi, Paul Cheng, Hyun-Jung Kim, Jiehan Li, Huitong Shi, Stanislao Travisano, Quanyi Zhao

Postdoctoral Research Mentor

Paul Cheng, Huitong Shi, Stanislao Travisano, Quanyi Zhao

Publications

PUBLICATIONS

- **Coronary Disease Associated Gene TCF21 Inhibits Smooth Muscle Cell Differentiation by Blocking the Myocardin-Serum Response Factor Pathway.** *Circulation research*
  Nagao, M., Lyu, Q., Zhao, Q., Wirka, R. C., Bagga, J., Nguyen, T., Cheng, P., Kim, J. B., Pjanic, M., Miano, J. M., Quertermous, T.
  2019
- **Atheroprotective roles of smooth muscle cell phenotypic modulation and the TCF21 disease gene as revealed by single-cell analysis.** *Nature medicine*
  Wirka, R. C., Wagh, D., Paik, D. T., Pjanic, M., Nguyen, T., Miller, C. L., Kundu, R., Nagao, M., Coller, J., Koyano, T. K., Fong, R., Woo, Y. J., Liu, et al
  2019
- **Stanford Cardiovascular Institute At the Forefront of Cardiovascular Research** *CIRCULATION RESEARCH*
  Wu, J. C., Woo, Y., Mayerle, M., Harrington, R. A., Quertermous, T.
  2019; 124 (10): 1420–24
- **TCF21 and AP-1 interact through epigenetic modifications to regulate coronary artery disease gene expression** *GENOME MEDICINE*
  Zhao, Q., Wirka, R., Trieu Nguyen, Nagao, M., Cheng, P., Miller, C. L., Kim, J., Pjanic, M., Quertermous, T.
  2019; 11
- **Stanford Cardiovascular Institute.** *Circulation research*
  Wu, J. C., Woo, Y. J., Mayerle, M., Harrington, R. A., Quertermous, T.
  2019; 124 (10): 1420–24
- **Advances in Transcriptomics: Investigating Cardiovascular Disease at Unprecedented Resolution.** *Circulation research*
  Wirka, R. C., Pjanic, M., Quertermous, T.
  2018; 122 (9): 1200–1220
- **Genetic Regulatory Mechanisms of Smooth Muscle Cells Map to Coronary Artery Disease Risk Loci.** *American journal of human genetics*
  Liu, B., Pjanic, M., Wang, T., Nguyen, T., Gloudemans, M., Rao, A., Castano, V. G., Nurnberg, S., Rader, D. J., Elwyn, S., Ingelsson, E., Montgomery, S. B., Miller, et al
  2018
- **Coronary artery disease genes SMAD3 and TCF21 promote opposing interactive genetic programs that regulate smooth muscle cell differentiation and disease risk.** *PLoS genetics*
  Iyer, D., Zhao, Q., Wirka, R., Naravane, A., Nguyen, T., Liu, B., Nagao, M., Cheng, P., Miller, C. L., Kim, J. B., Pjanic, M., Quertermous, T.
  2018; 14 (10): e1007681
- **Circulating peptide prevents preeclampsia** *SCIENCE*
  Wirka, R. C., Quertermous, T.
  2017; 357 (6352): 643–44
- **TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells.** *PLoS genetics*
  Kim, J. B., Pjanic, M., Nguyen, T., Miller, C. L., Iyer, D., Liu, B., Wang, T., Sazonova, O., Carcamo-Orive, I., Matic, L. P., Maegdefessel, L., Hedin, U., Quertermous, et al
  2017; 13 (5)
- **Analysis of Transcriptional Variability in a Large Human iPSC Library Reveals Genetic and Non-genetic Determinants of Heterogeneity** *CELL STEM CELL*
  Carcamo-Orive, I., Hoffman, G. E., Cundiff, P., Beckmann, N. D., D'Souza, S. L., Knowles, J. W., Patel, A., Papatsenko, D., Abbasi, F., Reaven, G. M., Whalen, S., Lee, P., Shahbazi, et al

2017; 20 (4): 518-?

- **Enhancer connectome in primary human cells identifies target genes of disease-associated DNA elements.** *Nature genetics*
  Mumbach, M. R., Satpathy, A. T., Boyle, E. A., Dai, C., Gowen, B. G., Cho, S. W., Nguyen, M. L., Rubin, A. J., Granja, J. M., Kazane, K. R., Wei, Y., Nguyen, T., Greenside, et al
  2017
- **Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease.** *Nature genetics*
  Zhao, W., Rasheed, A., Tikkanen, E., Lee, J. J., Butterworth, A. S., Howson, J. M., Assimes, T. L., Chowdhury, R., Orho-Melander, M., Damrauer, S., Small, A., Asma, S., Imamura, et al
  2017
- **Analysis of Transcriptional Variability in a Large Human iPSC Library Reveals Genetic and Non-genetic Determinants of Heterogeneity.** *Cell stem cell*
  Carcamo-Orive, I., Hoffman, G. E., Cundiff, P., Beckmann, N. D., D'Souza, S. L., Knowles, J. W., Patel, A., Papatsenko, D., Abbasi, F., Reaven, G. M., Whalen, S., Lee, P., Shahbazi, et al
  2016
- **Nat1 Deficiency Is Associated with Mitochondrial Dysfunction and Exercise Intolerance in Mice** *CELL REPORTS*
  Chennamsetty, I., Coronado, M., Contrepois, K., Keller, M. P., Carcamo-Orive, I., Sandin, J., Fajardo, G., Whittle, A. J., Fathzadeh, M., Snyder, M., Reaven, G., Attie, A. D., Bernstein, et al
  2016; 17 (2): 527-540
- **Genetics and Genomics of Coronary Artery Disease.** *Current cardiology reports*
  Pjanic, M., Miller, C. L., Wirka, R., Kim, J. B., Direnzo, D. M., Quertermous, T.
  2016; 18 (10): 102-?
- **Epigenetic response to environmental stress: Assembly of BRG1-G9a/GLP-DNMT3 repressive chromatin complex on Myh6 promoter in pathologically stressed hearts** *BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR CELL RESEARCH*
  Han, P., Li, W., Yang, J., Shang, C., Lin, C., Cheng, W., Hang, C. T., Cheng, H., Chen, C., Wong, J., Xiong, Y., Zhao, M., Drakos, et al
  2016; 1863 (7): 1772-1781
- **Integrative functional genomics identifies regulatory mechanisms at coronary artery disease loci.** *Nature communications*
  Miller, C. L., Pjanic, M., Wang, T., Nguyen, T., Cohain, A., Lee, J. D., Perisic, L., Hedin, U., Kundu, R. K., Majmudar, D., Kim, J. B., Wang, O., Betsholtz, et al
  2016; 7: 12092-?
- **Coronary Artery Disease and Its Risk Factors: Leveraging Shared Genetics to Discover Novel Biology.** *Circulation research*
  Quertermous, T., Ingelsson, E.
  2016; 118 (1): 14–16
- **Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells that Contribute to the Fibrous Cap.** *Genomics data*
  Nurnberg, S. T., Cheng, K., Raiesdana, A., Kundu, R., MILLER, C. L., Kim, J. B., Arora, K., Carcamo-Oribe, I., Xiong, Y., Tellakula, N., Nanda, V., Murthy, N., Boisvert, et al
  2015; 5: 36-37
- **Characterization of TCF21 Downstream Target Regions Identifies a Transcriptional Network Linking Multiple Independent Coronary Artery Disease Loci** *PLOS GENETICS*
  Sazonova, O., Zhao, Y., Nuernberg, S., Miller, C., Pjanic, M., Castano, V. G., Kim, J. B., Salfati, E. L., Kundaje, A. B., Bejerano, G., Assimes, T., Yang, X., Quertermous, et al
  2015; 11 (5)
- **Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells That Contribute to the Fibrous Cap** *PLOS GENETICS*
  Nurnberg, S. T., Cheng, K., Raiesdana, A., Kundu, R., Miller, C. L., Kim, J. B., Arora, K., Carcamo-Oribe, I., Xiong, Y., Tellakula, N., Nanda, V., Murthy, N., Boisvert, et al
  2015; 11 (5)
- **Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells That Contribute to the Fibrous Cap.** *PLoS genetics*
  Nurnberg, S. T., Cheng, K., Raiesdana, A., Kundu, R., Miller, C. L., Kim, J. B., Arora, K., Carcamo-Oribe, I., Xiong, Y., Tellakula, N., Nanda, V., Murthy, N., Boisvert, et al
  2015; 11 (5)

- **Identification and validation of N-acetyltransferase 2 as an insulin sensitivity gene** *JOURNAL OF CLINICAL INVESTIGATION*
  Knowles, J. W., Xie, W., Zhang, Z., Chennemsetty, I., Assimes, T. L., Paananen, J., Hansson, O., Pankow, J., Goodarzi, M. O., Carcamo-Orive, I., Morris, A. P., Chen, Y. I., Maekinen, et al
  2015; 125 (4): 1739-1751

- **A long noncoding RNA protects the heart from pathological hypertrophy.** *Nature*
  Han, P., Li, W., Lin, C., Yang, J., Shang, C., Nurnberg, S. T., Jin, K. K., Xu, W., Lin, C., Lin, C., Xiong, Y., Chien, H., Zhou, et al
  2014; 514 (7520): 102-106

- **Dissecting the causal genetic mechanisms of coronary heart disease.** *Current atherosclerosis reports*
  Miller, C. L., Assimes, T. L., Montgomery, S. B., Quertermous, T.
  2014; 16 (5): 406-?

- **Clinical interpretation and implications of whole-genome sequencing.** *JAMA*
  Dewey, F. E., Grove, M. E., Pan, C., Goldstein, B. A., Bernstein, J. A., Chaib, H., Merker, J. D., Goldfeder, R. L., Enns, G. M., David, S. P., Pakdaman, N., Ormond, K. E., Caleshu, et al
  2014; 311 (10): 1035-1045

- **Coronary heart disease-associated variation in TCF21 disrupts a miR-224 binding site and miRNA-mediated regulation.** *PLoS genetics*
  Miller, C. L., Haas, U., Diaz, R., Leeper, N. J., Kundu, R. K., Patlolla, B., Assimes, T. L., Kaiser, F. J., Perisic, L., Hedin, U., Maegdefessel, L., Schunkert, H., Erdmann, et al
  2014; 10 (3)

- **Disease-Related Growth Factor and Embryonic Signaling Pathways Modulate an Enhancer of TCF21 Expression at the 6q23.2 Coronary Heart Disease Locus** *PLOS GENETICS*
  Miller, C. L., Anderson, D. R., Kundu, R. K., Raiesdana, A., Nuernberg, S. T., Diaz, R., Cheng, K., Leeper, N. J., Chen, C., Chang, I., Schadt, E. E., Hsiung, C. A., Assimes, et al
  2013; 9 (7)

- **Loss of CDKN2B Promotes p53-Dependent Smooth Muscle Cell Apoptosis and Aneurysm Formation** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
  Leeper, N. J., Raiesdana, A., Kojima, Y., Kundu, R. K., Cheng, H., Maegdefessel, L., Toh, R., Ahn, G., Ali, Z. A., Anderson, D. R., Miller, C. L., Roberts, S. C., Spin, et al
  2013; 33 (1): E1-?

- **CDKN2B Regulates Cell Fate Decisions in Human Vascular Smooth Muscle Cells**
  Leeper, N. J., Raiesdana, A., Cheng, H., Kundu, R. K., Kojima, Y., Cheng, K., Schadt, E., Quertermous, T.
  LIPPINCOTT WILLIAMS & WILKINS.2010

- **Hundreds of variants clustered in genomic loci and biological pathways affect human height** *NATURE*
  Allen, H. L., Estrada, K., Lettre, G., Berndt, S. I., Weedon, M. N., Rivadeneira, F., Willer, C. J., Jackson, A. U., Vedantam, S., Raychaudhuri, S., Ferreira, T., Wood, A. R., Weyant, et al
  2010; 467 (7317): 832-838

- **Apelin signaling antagonizes Ang II effects in mouse models of atherosclerosis** *JOURNAL OF CLINICAL INVESTIGATION*
  Chun, H. J., Ali, Z. A., Kojima, Y., Kundu, R. K., Sheikh, A. Y., Agrawal, R., Zheng, L., Leeper, N. J., Pearl, N. E., Patterson, A. J., Anderson, J. P., Tsao, P. S., Lenardo, et al
  2008; 118 (10): 3343-3354

- **PCSK6 Is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Remodeling.** *Circulation research*
  Rykaczewska, U., Suur, B. E., Rohl, S., Razuvaev, A., Lengquist, M., Sabater-Lleal, M., van der Laan, S. W., Miller, C. L., Wirka, R. C., Kronqvist, M., Gonzalez Diez, M., Vesterlund, M., Gillgren, et al
  2020

- **FAM13A affects body fat distribution and adipocyte function.** *Nature communications*
  Fathzadeh, M., Li, J., Rao, A., Cook, N., Chennamsetty, I., Seldin, M., Zhou, X., Sangwung, P., Gloudemans, M. J., Keller, M., Attie, A., Yang, J., Wabitsch, et al
  2020; 11 (1): 1465

- **Genomic profiling of human vascular cells identifies TWIST1 as a causal gene for common vascular diseases.** *PLoS genetics*
  Nurnberg, S. T., Guerraty, M. A., Wirka, R. C., Rao, H. S., Pjanic, M., Norton, S., Serrano, F., Perisic, L., Elwyn, S., Pluta, J., Zhao, W., Testa, S., Park, et al
  2020; 16 (1): e1008538

- **Effect of Common Genetic Variants of Growth Arrest-Specific 6 Gene on Insulin Resistance, Obesity and Type 2 Diabetes in an Asian Population.** *PloS one*
  Hsieh, C. H., Chung, R. H., Lee, W. J., Lin, M. W., Chuang, L. M., Quertermous, T., Assimes, T., Hung, Y. J., Yu, Y. W.
  ; 10 (8): e0135681

- **Adiponectin Receptor 3 is Associated With Endothelial Nitric Oxide Synthase Dysfunction and Predicts Insulin Resistance in South Asians**
  Chandy, M., Sayed, N., Lau, E., Liu, C., Wei Tzu-Tang, Chen, I. Y., Thomas, D., Rhee, J., Oh, B., Pepic, L., Husain, M., Quertermous, T., Nallamshetty, S., et al
  LIPPINCOTT WILLIAMS & WILKINS.2019

- **The role of insulin as a key regulator of seeding, proliferation, and mRNA transcription of human pluripotent stem cells.** *Stem cell research & therapy*
  Shahbazi, M., Cundiff, P., Zhou, W., Lee, P., Patel, A., D'Souza, S. L., Abbasi, F., Quertermous, T., Knowles, J. W.
  2019; 10 (1): 228

- **IGF1 gene is associated with triglyceride levels in subjects with family history of hypertension from the SAPPHIRe and TWB projects**
  Wang, W., Chiu, Y., Chung, R., Hwu, C., Lee, I., Lee, C., Chang, Y., Hung, K., Quertermous, T., Chen, Y. I., Hsiung, C. A.
  NATURE PUBLISHING GROUP.2019: 163

- **Opportunities and challenges for transcriptome-wide association studies** *NATURE GENETICS*
  Wainberg, M., Sinnott-Armstrong, N., Mancuso, N., Barbeira, A. N., Knowles, D. A., Golan, D., Ermel, R., Ruusalepp, A., Quertermous, T., Hao, K., Bjorkegren, J. M., Im, H., Pasaniuc, et al
  2019; 51 (4): 592–99

- **TCF21 and AP-1 interact through epigenetic modifications to regulate coronary artery disease gene expression.** *Genome medicine*
  Zhao, Q., Wirka, R., Nguyen, T., Nagao, M., Cheng, P., Miller, C. L., Kim, J. B., Pjanic, M., Quertermous, T.
  2019; 11 (1): 23

- **CRISPR-Cas9-mediated knockout of SPRY2 in human hepatocytes leads to increased glucose uptake and lipid droplet accumulation.** *BMC endocrine disorders*
  Cook, N. L., Pjanic, M., Emmerich, A. G., Rao, A. S., Hetty, S., Knowles, J. W., Quertermous, T., Castillejo-López, C., Ingelsson, E.
  2019; 19 (1): 115

- **Detailed Functional Characterization of a Waist-Hip Ratio Locus in 7p15.2 Defines an Enhancer Controlling Adipocyte Differentiation.** *iScience*
  Castillejo-Lopez, C., Pjanic, M., Pirona, A. C., Hetty, S., Wabitsch, M., Wadelius, C., Quertermous, T., Arner, E., Ingelsson, E.
  2019; 20: 42–59

- **Opportunities and challenges for transcriptome-wide association studies.** *Nature genetics*
  Wainberg, M., Sinnott-Armstrong, N., Mancuso, N., Barbeira, A. N., Knowles, D. A., Golan, D., Ermel, R., Ruusalepp, A., Quertermous, T., Hao, K., Björkegren, J. L., Im, H. K., Pasaniuc, et al
  2019; 51 (4): 592–99

- **Genetic variation of SORBS1 gene is associated with glucose homeostasis and age at onset of diabetes: A SAPPHIRe Cohort Study** *SCIENTIFIC REPORTS*
  Chang, T., Wang, W., Hsiung, C. A., He, C., Lin, M., Sheu, W., Chang, Y., Quertermous, T., Chen, Y., Rotter, J. I., Chuang, L., SAPPHIRe Study Grp
  2018; 8: 10574

- **Large-Scale Single-Cell RNA-Seq Reveals Molecular Signatures of Heterogeneous Populations of Human Induced Pluripotent Stem Cell-Derived Endothelial Cells.** *Circulation research*
  Paik, D. T., Tian, L., Lee, J., Sayed, N., Chen, I. Y., Rhee, S., Rhee, J., Kim, Y., Wirka, R. C., Buikema, J. W., Wu, S. M., Red-Horse, K., Quertermous, et al
  2018

- **Apelin and APJ orchestrate complex tissue-specific control of cardiomyocyte hypertrophy and contractility in the hypertrophy-heart failure transition.** *American journal of physiology. Heart and circulatory physiology*
  Parikh, V. N., Liu, J., Shang, C., Woods, C., Chang, A. C., Zhao, M., Charo, D. N., Grunwald, Z., Huang, Y., Seo, K., Tsao, P. S., Bernstein, D., Ruiz-Lozano, et al
  2018

- **Functional Assays to Screen and Dissect Genomic Hits: Doubling Down on the National Investment in Genomic Research.** *Circulation. Genomic and precision medicine*
  Musunuru, K., Bernstein, D., Cole, F. S., Khokha, M. K., Lee, F. S., Lin, S., McDonald, T. V., Moskowitz, I. P., Quertermous, T., Sankaran, V. G., Schwartz, D. A., Silverman, E. K., Zhou, et al
  2018; 11 (4): e002178

- **IGF1 Gene Is Associated With Triglyceride Levels In Subjects With Family History Of Hypertension From The SAPPHIRe And TWB Projects** *INTERNATIONAL JOURNAL OF MEDICAL SCIENCES*
  Wang, W., Chiu, Y., Chung, R., Hwu, C., Lee, I., Lee, C., Chang, Y., Hung, K., Quertermous, T., Chen, Y., Hsiung, C. A.
  2018; 15 (10): 1035–42

- **Functional regulatory mechanism of smooth muscle cell-restricted LMOD1 coronary artery disease locus.** *PLoS genetics*
  Nanda, V., Wang, T., Pjanic, M., Liu, B., Nguyen, T., Matic, L. P., Hedin, U., Koplev, S., Ma, L., Franzén, O., Ruusalepp, A., Schadt, E. E., Björkegren, et al
  2018; 14 (11): e1007755

- **Load-dependent effects of apelin on murine cardiomyocytes** *PROGRESS IN BIOPHYSICS & MOLECULAR BIOLOGY*
  Peyronnet, R., Bollensdorff, C., Capel, R. A., Rog-Zielinska, E. A., Woods, C. E., Charo, D. N., Lookin, O., Fajardo, G., Ho, M., Quertermous, T., Ashley, E. A., Kohl, P.
  2017; 130: 333–43

- **CRP-level-associated polymorphism rs1205 within the CRP gene is associated with 2-hour glucose level: The SAPPHIRe study** *SCIENTIFIC REPORTS*
  Sheu, W., Wang, W., Wu, K., He, C., Hwu, C., Quertermous, T., Hsieh, W., Lee, W., Ting, C., Chen, Y. I., Hsiung, C. A.
  2017; 7: 7987

- **Genome-wide copy number variation analysis identified deletions in SFMBT1 associated with fasting plasma glucose in a Han Chinese population** *BMC GENOMICS*
  Chung, R., Chiu, Y., Hung, Y., Lee, W., Wu, K., Chen, H., Lin, M., Chen, Y. I., Quertermous, T., Hsiung, C. A.
  2017; 18: 591

- **Trans-ethnic fine-mapping of genetic loci for body mass index in the diverse ancestral populations of the Population Architecture using Genomics and Epidemiology (PAGE) Study reveals evidence for multiple signals at established loci** *HUMAN GENETICS*
  Fernandez-Rhodes, L., Gong, J., Haessler, J., Franceschini, N., Graff, M., Nishimura, K. K., Wang, Y., Highland, H. M., Yoneyama, S., Bush, W. S., Goodloe, R., Ritchie, M. D., Crawford, et al
  2017; 136 (6): 771-800

- **Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms.** *Nature genetics*
  Howson, J. M., Zhao, W., Barnes, D. R., Ho, W., Young, R., Paul, D. S., Waite, L. L., Freitag, D. F., Fauman, E. B., Salfati, E. L., Sun, B. B., Eicher, J. D., Johnson, et al
  2017

- **Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels** *HUMAN MOLECULAR GENETICS*
  Spracklen, C. N., Chen, P., Kim, Y. J., Wang, X., Cai, H., Li, S., Long, J., Wu, Y., Wang, Y. X., Takeuchi, F., Wu, J., Jung, K., Hu, et al
  2017; 26 (9): 1770-1784

- **Alternative Progenitor Cells Compensate to Rebuild the Coronary Vasculature in Elabela- and Apj-Deficient Hearts.** *Developmental cell*
  Sharma, B., Ho, L., Ford, G. H., Chen, H. I., Goldstone, A. B., Woo, Y. J., Quertermous, T., Reversade, B., Red-Horse, K.
  2017

- **Induced Pluripotent Stem Cell-Derived Endothelial Cells in Insulin Resistance and Metabolic Syndrome.** *Arteriosclerosis, thrombosis, and vascular biology*
  Carcamo-Orive, I., Huang, N. F., Quertermous, T., Knowles, J. W.
  2017; 37 (11): 2038–42

- **Endothelial APLNR regulates tissue fatty acid uptake and is essential for apelin's glucose-lowering effects.** *Science translational medicine*
  Hwangbo, C., Wu, J., Papangeli, I., Adachi, T., Sharma, B., Park, S., Zhao, L., Ju, H., Go, G. W., Cui, G., Inayathullah, M., Job, J. K., Rajadas, et al
  2017; 9 (407)

- **Fine-mapping of lipid regions in global populations discovers ethnic-specific signals and refines previously identified lipid loci** *HUMAN MOLECULAR GENETICS*
  Zubair, N., Graff, M., Ambite, J. L., Bush, W. S., Kichaev, G., Lu, Y., Manichaikul, A., Sheu, W. H., Absher, D., Assimes, T. L., Bielinski, S. J., Bottinger, E. P., Buzkova, et al
  2016; 25 (24): 5500-5512

- **Targeting LOXL2 for cardiac interstitial fibrosis and heart failure treatment** *NATURE COMMUNICATIONS*
  Yang, J., Savvatis, K., Kang, J. S., Fan, P., Zhong, H., Schwartz, K., Barry, V., Mikels-Vigdal, A., Karpinski, S., Kornyeyev, D., Adamkewicz, J., Feng, X., Zhou, et al
  2016; 7

- **Transcriptomic Profiling Maps Anatomically Patterned Subpopulations among Single Embryonic Cardiac Cells** *DEVELOPMENTAL CELL*
  Li, G., Xu, A., Sim, S., Priest, J. R., Tian, X., Khan, T., Quertermous, T., Zhou, B., Tsao, P. S., Quake, S. R., Wu, S. M.
  2016; 39 (4): 491-507

- **Early somatic mosaicism is a rare cause of long-QT syndrome** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Priest, J. R., Gawad, C., Kahlig, K. M., Yu, J. K., O'Hara, T., Boyle, P. M., Rajamani, S., Clark, M. J., Garcia, S. T., Ceresnak, S., Harris, J., Boyle, S., Dewey, et al
  2016; 113 (41): 11555-11560

- **The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals** *NATURE GENETICS*
  Ehret, G. B., Ferreira, T., Chasman, D. I., Jackson, A. U., Schmidt, E. M., Johnson, T., Thorleifsson, G., Luan, J., Donnelly, L. A., Kanoni, S., Petersen, A. -., Pihurl, V., Strawbridge, et al
  2016; 48 (10): 1171-1184

- **The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals.** *Nature genetics*
  Ehret, G. B., Ferreira, T., Chasman, D. I., Jackson, A. U., Schmidt, E. M., Johnson, T., Thorleifsson, G., Luan, J., Donnelly, L. A., Kanoni, S., Petersen, A., Pihur, V., Strawbridge, et al
  2016; 48 (10): 1171-1184

- **Pathological Ace2-to-Ace enzyme switch in the stressed heart is transcriptionally controlled by the endothelial Brg1-FoxM1 complex** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Yang, J., Feng, X., Zhou, Q., Cheng, W., Shang, C., Han, P., Lin, C., Chen, H. V., Quertermous, T., Chang, C.
  2016; 113 (38): E5628-E5635

- **CD47-blocking antibodies restore phagocytosis and prevent atherosclerosis.** *Nature*
  Kojima, Y., Volkmer, J., McKenna, K., Civelek, M., Lusis, A. J., Miller, C. L., DiRenzo, D., Nanda, V., Ye, J., Connolly, A. J., Schadt, E. E., Quertermous, T., Betancur, et al
  2016; 536 (7614): 86-90

- **High-sensitivity cardiac troponin I and incident coronary heart disease among asymptomatic older adults.** *Heart*
  Iribarren, C., Chandra, M., Rana, J. S., Hlatky, M. A., Fortmann, S. P., Quertermous, T., Go, A. S.
  2016; 102 (15): 1177-1182

- **Prepregnancy Diabetes and Offspring Risk of Congenital Heart Disease A Nationwide Cohort Study** *CIRCULATION*
  Oyen, N., Diaz, L. J., Leirgul, E., Boyd, H. A., Priest, J., Mathiesen, E. R., Quertermous, T., Wohlfahrt, J., Melbye, M.
  2016; 133 (23): 2243-2253

- **De Novo and Rare Variants at Multiple Loci Support the Oligogenic Origins of Atrioventricular Septal Heart Defects.** *PLoS genetics*
  Priest, J. R., Osoegawa, K., Mohammed, N., Nanda, V., Kundu, R., Schultz, K., Lammer, E. J., Girirajan, S., Scheetz, T., Waggott, D., Haddad, F., Reddy, S., Bernstein, et al
  2016; 12 (4)

- **Genetics of Coronary Artery Disease in Taiwan: A Cardiometabochip Study by the Taichi Consortium** *PLOS ONE*
  Assimes, T. L., Lee, I., Juang, J., Guo, X., Wang, T., Kim, E. T., Lee, W., Absher, D., Chiu, Y., Hsu, C., Chuang, L., Quertermous, T., Hsiung, et al
  2016; 11 (3)

- **Genetic Variation in the Human SORBS1 Gene is Associated With Blood Pressure Regulation and Age at Onset of Hypertension: A SAPPHIRe Cohort Study.** *Medicine*
  Chang, T., Wang, W., Hsiung, C. A., He, C., Lin, M., Sheu, W. H., Chang, Y., Quertermous, T., Chen, I., Rotter, J., Chuang, L.
  2016; 95 (10)

- **Phenotypic Modulation of Smooth Muscle Cells in Atherosclerosis Is Associated With Downregulation of LMOD1, SYNPO2, PDLIM7, PLN, and SYNM.** *Arteriosclerosis, thrombosis, and vascular biology*
  Perisic Matic, L., Rykaczewska, U., Razuvaev, A., Sabater-Lleal, M., Lengquist, M., Miller, C. L., Ericsson, I., Röhl, S., Kronqvist, M., Aldi, S., Magné, J., Paloschi, V., Vesterlund, et al
  2016; 36 (9): 1947–61

- **Genetics of Coronary Artery Disease in Taiwan: A Cardiometabochip Study by the Taichi Consortium.** *PloS one*
  Assimes, T. L., Lee, I., Juang, J., Guo, X., Wang, T., Kim, E. T., Lee, W., Absher, D., Chiu, Y., Hsu, C., Chuang, L., Quertermous, T., Hsiung, et al
  2016; 11 (3)

- **Systems Genomics Identifies a Key Role for Hypocretin/Orexin Receptor-2 in Human Heart Failure** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*

  Perez, M. V., Pavlovic, A., Shang, C., Wheeler, M. T., Miller, C. L., Liu, J., Dewey, F. E., Pan, S., Thanaporn, P. K., Absher, D., Brandimarto, J., Salisbury, H., Chan, et al

  2015; 66 (22): 2522-2533

- **Susceptibility Loci for Clinical Coronary Artery Disease and Subclinical Coronary Atherosclerosis Throughout the Life-Course.** *Circulation. Cardiovascular genetics*

  Salfati, E., Nandkeolyar, S., Fortmann, S. P., Sidney, S., Hlatky, M. A., Quertermous, T., Go, A. S., Iribarren, C., Herrington, D. M., Goldstein, B. A., Assimes, T. L.

  2015; 8 (6): 803-811

- **Susceptibility Loci for Clinical Coronary Artery Disease and Subclinical Coronary Atherosclerosis Throughout the Life-Course** *CIRCULATION-CARDIOVASCULAR GENETICS*

  Salfati, E., Nandkeolyar, S., Fortmann, S. P., Sidney, S., Hlatky, M. A., Quertermous, T., Go, A. S., Iribarren, C., Herrington, D. M., Goldstein, B. A., Assimes, T. L.

  2015; 8 (6): 803-811

- **Genetic polymorphisms of PCSK2 are associated with glucose homeostasis and progression to type 2 diabetes in a Chinese population** *SCIENTIFIC REPORTS*

  Chang, T., Chiu, Y., Sheu, W. H., Shih, K., Hwu, C., Quertermous, T., Jou, Y., Kuo, S., Chang, Y., Chuang, L.

  2015; 5

- **A comprehensive 1000 Genomes-based genome-wide association meta-analysis of coronary artery disease** *NATURE GENETICS*

  Nikpay, M., Goel, A., Won, H., Hall, L. M., Willenborg, C., Kanoni, S., Saleheen, D., Kyriakou, T., Nelson, C. P., Hopewell, J. C., Webb, T. R., Zeng, L., Dehghan, et al

  2015; 47 (10): 1121-?

- **From Locus Association to Mechanism of Gene Causality: The Devil Is in the Details.** *Arteriosclerosis, thrombosis, and vascular biology*

  Miller, C. L., Pjanic, M., Quertermous, T.

  2015; 35 (10): 2079-2080

- **The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study** *PLOS GENETICS*

  Winkler, T. W., Justice, A. E., Graff, M., Barata, L., Feitosa, M. F., Chu, S., Czajkowski, J., Esko, T., Fall, T., Kilpelainen, T. O., Lu, Y., Magi, R., Mihailov, et al

  2015; 11 (10)

- **Sequence to Medical Phenotypes: A Framework for Interpretation of Human Whole Genome DNA Sequence Data** *PLOS GENETICS*

  Dewey, F. E., Grove, M. E., Priest, J. R., Waggott, D., Batra, P., Miller, C. L., Wheeler, M., Zia, A., Pan, C., Karzcewski, K. J., Miyake, C., Whirl-Carrillo, M., Klein, et al

  2015; 11 (10)

- **The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study.** *PLoS genetics*

  Winkler, T. W., Justice, A. E., Graff, M., Barata, L., Feitosa, M. F., Chu, S., Czajkowski, J., Esko, T., Fall, T., Kilpeläinen, T. O., Lu, Y., Mägi, R., Mihailov, et al

  2015; 11 (10)

- **Sequence to Medical Phenotypes: A Framework for Interpretation of Human Whole Genome DNA Sequence Data.** *PLoS genetics*

  Dewey, F. E., Grove, M. E., Priest, J. R., Waggott, D., Batra, P., Miller, C. L., Wheeler, M., Zia, A., Pan, C., Karzcewski, K. J., Miyake, C., Whirl-Carrillo, M., Klein, et al

  2015; 11 (10)

- **Effect of Common Genetic Variants of Growth Arrest-Specific 6 Gene on Insulin Resistance, Obesity and Type 2 Diabetes in an Asian Population** *PLOS ONE*

  Hsieh, C., Chung, R., Lee, W., Lin, M., Chuang, L., Quertermous, T., Assimes, T., Hung, Y., Yu, Y.

  2015; 10 (8)

- **Pancreatic Islet APJ Deletion Reduces Islet Density and Glucose Tolerance in Mice** *ENDOCRINOLOGY*

  Han, S., Englander, E. W., Gomez, G. A., Rastellini, C., Quertermous, T., Kundu, R. K., Greeley, G. H.

  2015; 156 (7): 2451-2460

- **New genetic loci link adipose and insulin biology to body fat distribution.** *Nature*

Shungin, D., Winkler, T. W., Croteau-Chonka, D. C., Ferreira, T., Locke, A. E., Mägi, R., Strawbridge, R. J., Pers, T. H., Fischer, K., Justice, A. E., Workalemahu, T., Wu, J. M., Buchkovich, et al

2015; 518 (7538): 187-196

- **Genetic studies of body mass index yield new insights for obesity biology.** *Nature*

  Locke, A. E., Kahali, B., Berndt, S. I., Justice, A. E., Pers, T. H., Day, F. R., Powell, C., Vedantam, S., Buchkovich, M. L., Yang, J., Croteau-Chonka, D. C., Esko, T., Fall, et al

  2015; 518 (7538): 197-206

- **New genetic loci link adipose and insulin biology to body fat distribution.** *Nature*

  Shungin, D., Winkler, T. W., Croteau-Chonka, D. C., Ferreira, T., Locke, A. E., Mägi, R., Strawbridge, R. J., Pers, T. H., Fischer, K., Justice, A. E., Workalemahu, T., Wu, J. M., Buchkovich, et al

  2015; 518 (7538): 187-196

- **Genetic studies of body mass index yield new insights for obesity biology.** *Nature*

  Locke, A. E., Kahali, B., Berndt, S. I., Justice, A. E., Pers, T. H., Day, F. R., Powell, C., Vedantam, S., Buchkovich, M. L., Yang, J., Croteau-Chonka, D. C., Esko, T., Fall, et al

  2015; 518 (7538): 197-206

- **Genetic targeting of sprouting angiogenesis using Apln-CreER.** *Nature communications*

  Liu, Q., Hu, T., He, L., Huang, X., Tian, X., Zhang, H., He, L., Pu, W., Zhang, L., Sun, H., Fang, J., Yu, Y., Duan, et al

  2015; 6: 6020-?

- **Pancreatic Islet APJ Deletion Reduces Islet Density and Glucose Tolerance in Mice.** *Endocrinology*

  Han, S., Englander, E. W., Gomez, G. A., Rastellini, C., Quertermous, T., Kundu, R. K., Greeley, G. H.

  2015; 156 (7): 2451–60

- **Genetic polymorphisms of PCSK2 are associated with glucose homeostasis and progression to type 2 diabetes in a Chinese population.** *Scientific reports*

  Chang, T. J., Chiu, Y. F., Sheu, W. H., Shih, K. C., Hwu, C. M., Quertermous, T., Jou, Y. S., Kuo, S. S., Chang, Y. C., Chuang, L. M.

  2015; 5: 14380

- **Defining the role of common variation in the genomic and biological architecture of adult human height.** *Nature genetics*

  Wood, A. R., Esko, T., Yang, J., Vedantam, S., Pers, T. H., Gustafsson, S., Chu, A. Y., Estrada, K., Luan, J., Kutalik, Z., Amin, N., Buchkovich, M. L., Croteau-Chonka, et al

  2014; 46 (11): 1173-1186

- **A long noncoding RNA protects the heart from pathological hypertrophy** *NATURE*

  Han, P., Li, W., Lin, C., Yang, J., Shang, C., Nurnberg, S. T., Jin, K. K., Xu, W., Lin, C., Lin, C., Xiong, Y., Chien, H., Zhou, et al

  2014; 514 (7520): 102-?

- **Study of exonic variation identifies incremental information regarding lipid-related and coronary heart disease genes.** *Circulation research*

  Assimes, T. L., Quertermous, T.

  2014; 115 (5): 478-480

- **Linkage analysis incorporating gene-age interactions identifies seven novel lipid loci: The Family Blood Pressure Program** *ATHEROSCLEROSIS*

  Simino, J., Kume, R., Kraja, A. T., Turner, S. T., Hanis, C. L., Sheu, W. H., Chen, Y. I., Jaquish, C. E., Cooper, R. S., Chakravarti, A., Quertermous, T., Boerwinkle, E., Hunt, et al

  2014; 235 (1): 84-93

- **Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease.** *PLoS genetics*

  Mäkinen, V., Civelek, M., Meng, Q., Zhang, B., Zhu, J., Levian, C., Huan, T., Segrè, A. V., Ghosh, S., Vivar, J., Nikpay, M., Stewart, A. F., Nelson, et al

  2014; 10 (7)

- **Dissecting the causal genetic mechanisms of coronary heart disease.** *Current atherosclerosis reports*

  Miller, C. L., Assimes, T. L., Montgomery, S. B., Quertermous, T.

  2014; 16 (5): 406-?

- **Clinical interpretation and implications of whole-genome sequencing.** *JAMA : the journal of the American Medical Association*

  Dewey, F. E., Grove, M. E., Pan, C., Goldstein, B. A., Bernstein, J. A., Chaib, H., Merker, J. D., Goldfeder, R. L., Enns, G. M., David, S. P., Pakdaman, N., Ormond, K. E., Caleshu, et al

  2014; 311 (10): 1035-1045

- **Coronary heart disease-associated variation in TCF21 disrupts a miR-224 binding site and miRNA-mediated regulation.** *PLoS genetics*
  Miller, C. L., Haas, U., Diaz, R., Leeper, N. J., Kundu, R. K., Patlolla, B., Assimes, T. L., Kaiser, F. J., Perisic, L., Hedin, U., Maegdefessel, L., Schunkert, H., Erdmann, et al
  2014; 10 (3)

- **Epicardial calcineurin-NFAT signals through Smad2 to direct coronary smooth muscle cell and arterial wall development** *CARDIOVASCULAR RESEARCH*
  Yang, J., Zeini, M., Lin, C., Lin, C., Xiong, Y., Shang, C., Han, P., Li, W., Quertermous, T., Zhou, B., Chang, C.
  2014; 101 (1): 120-129

- **Insulin resistance: regression and clustering.** *PloS one*
  Yoon, S., Assimes, T. L., Quertermous, T., Hsiao, C., Chuang, L., Hwu, C., Rajaratnam, B., Olshen, R. A.
  2014; 9 (6)

- **Discovery and refinement of loci associated with lipid levels.** *Nature genetics*
  Willer, C. J., Schmidt, E. M., Sengupta, S., Peloso, G. M., Gustafsson, S., Kanoni, S., Ganna, A., Chen, J., Buchkovich, M. L., Mora, S., Beckmann, J. S., Bragg-Gresham, J. L., Chang, et al
  2013; 45 (11): 1274-1283

- **Apelin-APJ Signaling Is a Critical Regulator of Endothelial MEF2 Activation in Cardiovascular Development** *CIRCULATION RESEARCH*
  Kang, Y., Kim, J., Anderson, J. P., Wu, J., Gleim, S. R., Kundu, R. K., McLean, D. L., Kim, J., Park, H., Jin, S., Hwa, J., Quertermous, T., Chun, et al
  2013; 113 (1): 22-31

- **Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders.** *Nature genetics*
  Den Hoed, M., Eijgelsheim, M., Esko, T., Brundel, B. J., Peal, D. S., Evans, D. M., Nolte, I. M., Segrè, A. V., Holm, H., Handsaker, R. E., Westra, H., Johnson, T., Isaacs, et al
  2013; 45 (6): 621-631

- **Large-scale association analysis identifies new risk loci for coronary artery disease** *NATURE GENETICS*
  Deloukas, P., Kanoni, S., Willenborg, C., Farrall, M., Assimes, T. L., Thompson, J. R., Ingelsson, E., Saleheen, D., Erdmann, J., Goldstein, B. A., Stirrups, K., Koenig, I. R., Cazier, et al
  2013; 45 (1): 25-U52

- **Endothelin Type A Receptor Genotype is a Determinant of Quantitative Traits of Metabolic Syndrome in Asian Hypertensive Families: A SAPPHIRe Study.** *Frontiers in endocrinology*
  Ho, L. T., Hsu, Y. P., Hsiao, C. F., Ting, C. T., Shih, K. C., Chuang, L. M., Masaki, K., Grove, J., Quertermous, T., Juan, C. C., Lin, M. W., Chiang, S. C., Chen, et al
  2013; 4: 172

- **The effects of the renin-angiotensin-aldosterone system gene polymorphisms on insulin resistance in hypertensive families** *JOURNAL OF THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM*
  Hsiao, C., Sheu, W. W., Hung, Y., Lin, M., Curb, D., Ranadex, K., Quertermous, T., Chen, Y., Chen, I. Y., Wu, K.
  2012; 13 (4): 446-454

- **Common ALDH2 genetic variants predict development of hypertension in the SAPPHIRe prospective cohort: Gene-environmental interaction with alcohol consumption** *BMC CARDIOVASCULAR DISORDERS*
  Chang, Y., Chiu, Y., Lee, I., Ho, L., Hung, Y., Hsiung, C. A., Quertermous, T., Donlon, T., Lee, W., Lee, P., Chen, C., Mochly-Rosen, D., Chuang, et al
  2012; 12

- **Apelin Enhances Directed Cardiac Differentiation of Mouse and Human Embryonic Stem Cells** *PLOS ONE*
  Wang, I. E., Wang, X., Ge, X., Anderson, J., Ho, M., Ashley, E., Liu, J., Butte, M. J., Yazawa, M., Dolmetsch, R. E., Quertermous, T., Yang, P. C.
  2012; 7 (6)

- **FGD5 Mediates Proangiogenic Action of Vascular Endothelial Growth Factor in Human Vascular Endothelial Cells** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
  Kurogane, Y., Miyata, M., Kubo, Y., Nagamatsu, Y., Kundu, R. K., Uemura, A., Ishida, T., Quertermous, T., Hirata, K., Rikitake, Y.
  2012; 32 (4): 988-U316

- **Replication of genome-wide association signals of type 2 diabetes in Han Chinese in a prospective cohort** *CLINICAL ENDOCRINOLOGY*
  Chang, Y., Chiu, Y., Liu, P., Shih, K., Lin, M., Sheu, W. H., Quertermous, T., Curb, J. D., Hsiung, C. A., Lee, W., Lee, P., Chen, Y., Chuang, et al
  2012; 76 (3): 365-372

- **The angiogenic factor Dell prevents apoptosis of endothelial cells through integrin binding** *SURGERY*
  Wang, Z., Kundu, R. K., Longaker, M. T., Quertermous, T., Yang, G. P.
  2012; 151 (2): 296-305

- **In Vivo Bioluminescence Imaging of Inducible Nitric Oxide Synthase Gene Expression in Vascular Inflammation** *MOLECULAR IMAGING AND BIOLOGY*
  Terashima, M., Ehara, S., Yang, E., Kosuge, H., Tsao, P. S., Quertermous, T., Contag, C. H., McConnell, M. V.
  2011; 13 (6): 1061-1066

- **In vivo Molecular MRI of Cell Survival and Teratoma Formation Following Embryonic Stem Cell Transplantation Into the Injured Murine Myocardium** *MAGNETIC RESONANCE IN MEDICINE*
  Chung, J., Kee, K., Barral, J. K., Dash, R., Kosuge, H., Wang, X., Weissman, I., Robbins, R. C., Nishimura, D., Quertermous, T., Reijo-Pera, R. A., Yang, P. C.
  2011; 66 (5): 1374-1381

- **Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk** *NATURE*
  Ehret, G. B., Munroe, P. B., Rice, K. M., Bochud, M., Johnson, A. D., Chasman, D. I., Smith, A. V., Tobin, M. D., Verwoert, G. C., Hwang, S., Pihur, V., Vollenweider, P., O'Reilly, et al
  2011; 478 (7367): 103-109

- **Cardiac pressure overload hypertrophy is differentially regulated by beta-adrenergic receptor subtypes** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Zhao, M., Fajardo, G., Urashima, T., Spin, J. M., Poorfarahani, S., Rajagopalan, V., Diem Huynh, D., Connolly, A., Quertermous, T., Bernstein, D.
  2011; 301 (4): H1461-H1470

- **Racial variation in lipoprotein-associated phospholipase A(2) in older adults** *BMC CARDIOVASCULAR DISORDERS*
  Lee, K. K., Fortmann, S. P., Varady, A., Fair, J. M., Go, A. S., Quertermous, T., Hlatky, M. A., Iribarren, C.
  2011; 11

- **Distribution of the number of false discoveries in large-scale family-based association testing with application to the association between PTPN1 and hypertension and obesity** *HUMAN GENETICS*
  Wang, W., Hsiung, C. A., Wang, L., Chuang, L., Quertermous, T., Chang, I.
  2011; 129 (4): 425-432

- **Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease** *NATURE GENETICS*
  Schunkert, H., Koenig, I. R., Kathiresan, S., Reilly, M. P., Assimes, T. L., Holm, H., Preuss, M., Stewart, A. F., Barbalic, M., Gieger, C., Absher, D., Aherrahrou, Z., Allayee, et al
  2011; 43 (4): 333-U153

- **A Bivariate Genome-Wide Approach to Metabolic Syndrome STAMPEED Consortium** *DIABETES*
  Kraja, A. T., Vaidya, D., Pankow, J. S., Goodarzi, M. O., Assimes, T. L., Kullo, I. J., Sovio, U., Mathias, R. A., Sun, Y. V., Franceschini, N., Absher, D., Li, G., Zhang, et al
  2011; 60 (4): 1329-1339

- **Disruption of the Apelin-APJ System Worsens Hypoxia-Induced Pulmonary Hypertension** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
  Chandra, S. M., Razavi, H., Kim, J., Agrawal, R., Kundu, R. K., Perez, V. D., Zamanian, R. T., Quertermous, T., Chun, H. J.
  2011; 31 (4): 814-U212

- **MicroRNA-26a Is a Novel Regulator of Vascular Smooth Muscle Cell Function** *JOURNAL OF CELLULAR PHYSIOLOGY*
  Leeper, N. J., Raiesdana, A., Kojima, Y., Chun, H. J., Azuma, J., Maegdefessel, L., Kundu, R. K., Quertermous, T., Tsao, P. S., Spin, J. M.
  2011; 226 (4): 1035-1043

- **Apelin Decreases Lipolysis via G(q), G(i), and AMPK-Dependent Mechanisms** *ENDOCRINOLOGY*
  Yue, P., Jin, H., Xu, S., Aillaud, M., Deng, A. C., Azuma, J., Kundu, R. K., Reaven, G. M., Quertermous, T., Tsao, P. S.
  2011; 152 (1): 59-68

- **Identification of ADAMTS7 as a novel locus for coronary atherosclerosis and association of ABO with myocardial infarction in the presence of coronary atherosclerosis: two genome-wide association studies** *LANCET*
  Reilly, M. P., Li, M., He, J., Ferguson, J. F., Stylianou, I. M., Mehta, N. N., Burnett, M. S., Devaney, J. M., Knouff, C. W., Thompson, J. R., Horne, B. D., Stewart, A. F., Assimes, et al
  2011; 377 (9763): 383-392

- **Chromatin Remodeling Pathways in Smooth Muscle Cell Differentiation, and Evidence for an Integral Role for p300** *PLOS ONE*
  Spin, J. M., Quertermous, T., Tsao, P. S.
  2010; 5 (12)

- **Lack of Association Between the Trp719Arg Polymorphism in Kinesin-Like Protein-6 and Coronary Artery Disease in 19 Case-Control Studies** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Assimes, T. L., Holm, H., Kathiresan, S., Reilly, M. P., Thorleifsson, G., Voight, B. F., Erdmann, J., Willenborg, C., Vaidya, D., Xie, C., Patterson, C. C., Morgan, T. M., Burnett, et al
  2010; 56 (19): 1552-1563

- **Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index** *NATURE GENETICS*
  Speliotes, E. K., Willer, C. J., Berndt, S. I., Monda, K. L., Thorleifsson, G., Jackson, A. U., Allen, H. L., Lindgren, C. M., Luan, J., Maegi, R., Randall, J. C., Vedantam, S., Winkler, et al
  2010; 42 (11): 937-U53

- **Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution** *NATURE GENETICS*
  Heid, I. M., Jackson, A. U., Randall, J. C., Winkler, T. W., Qi, L., Steinthorsdottir, V., Thorleifsson, G., Zillikens, M. C., Speliotes, E. K., Maegi, R., Workalemahu, T., White, C. C., Bouatia-Naji, et al
  2010; 42 (11): 949-U160

- **Sex-specific genetic architecture of human fatness in Chinese: the SAPPHIRe Study** *HUMAN GENETICS*
  Chiu, Y., Chuang, L., Kao, H., Shih, K., Lin, M., Lee, W., Quertermous, T., Curb, J. D., Chen, I., Rodriguez, B. L., Hsiung, C. A.
  2010; 128 (5): 501-513

- **Design of the Coronary ARtery DIsease Genome-Wide Replication And Meta-Analysis (CARDIoGRAM) Study A Genome-Wide Association Meta-analysis Involving More Than 22 000 Cases and 60 000 Controls** *CIRCULATION-CARDIOVASCULAR GENETICS*
  Preuss, M., Koenig, I. R., Thompson, J. R., Erdmann, J., Absher, D., Assimes, T. L., Blankenberg, S., Boerwinkle, E., Chen, L., Cupples, L. A., Hall, A. S., Halperin, E., Hengstenberg, et al
  2010; 3 (5): 475-U186

- **Endothelial cell-selective adhesion molecule modulates atherosclerosis through plaque angiogenesis and monocyte-endothelial interaction** *MICROVASCULAR RESEARCH*
  Inoue, M., Ishida, T., Yasuda, T., Toh, R., Hara, T., Cangara, H. M., Rikitake, Y., Taira, K., Sun, L., Kundu, R. K., Quertermous, T., Hirata, K.
  2010; 80 (2): 179-187

- **Impact of Combined Deficiency of Hepatic Lipase and Endothelial Lipase on the Metabolism of Both High-Density Lipoproteins and Apolipoprotein B-Containing Lipoproteins** *CIRCULATION RESEARCH*
  Brown, R. J., Lagor, W. R., Sankaranaravanan, S., Yasuda, T., Quertermous, T., Rothblat, G. H., Rader, D. J.
  2010; 107 (3): 357-U90

- **Biological, clinical and population relevance of 95 loci for blood lipids** *NATURE*
  Teslovich, T. M., Musunuru, K., Smith, A. V., Edmondson, A. C., Stylianou, I. M., Koseki, M., Pirruccello, J. P., Ripatti, S., Chasman, D. I., Willer, C. J., Johansen, C. T., Fouchier, S. W., Isaacs, et al
  2010; 466 (7307): 707-713

- **Upregulation of the apelin-APJ pathway promotes neointima formation in the carotid ligation model in mouse** *CARDIOVASCULAR RESEARCH*
  Kojima, Y., Kundu, R. K., Cox, C. M., Leeper, N. J., Anderson, J. A., Chun, H. J., Ali, Z. A., Ashley, E. A., Krieg, P. A., Quertermous, T.
  2010; 87 (1): 156-165

- **Role of endothelial cell-selective adhesion molecule in hematogeneous metastasis** *MICROVASCULAR RESEARCH*
  Cangara, H. M., Ishida, T., Hara, T., Sun, L., Toh, R., Rikitake, Y., Kundu, R. K., Quertermous, T., Hirata, K., Hayashi, Y.
  2010; 80 (1): 133-141

- **An "Almost Exhaustive" Search-Based Sequential Permutation Method for Detecting Epistasis in Disease Association Studies** *GENETIC EPIDEMIOLOGY*
  Ma, L., Assimes, T. L., Asadi, N. B., Iribarren, C., Quertermous, T., Wong, W. H.
  2010; 34 (5): 434-443

- **Genome-wide meta-analyses identify multiple loci associated with smoking behavior** *NATURE GENETICS*
  Furberg, H., Kim, Y., Dackor, J., Boerwinkle, E., Franceschini, N., Ardissino, D., Bernardinelli, L., Mannucci, P. M., Mauri, F., Merlini, P. A., Absher, D., Assimes, T. L., Fortmann, et al

2010; 42 (5): 441-U134

- **Detailed Physiologic Characterization Reveals Diverse Mechanisms for Novel Genetic Loci Regulating Glucose and Insulin Metabolism in Humans** *59th Annual Meeting of the American-Society-of-Human-Genetics*

  Ingelsson, E., Langenberg, C., Hivert, M., Prokopenko, I., Lyssenko, V., Dupuis, J., Maegi, R., Sharp, S., Jackson, A. U., Assimes, T. L., Shrader, P., Knowles, J. W., Zethelius, et al

  AMER DIABETES ASSOC.2010: 1266–75

- **Persistent Donor Cell Gene Expression among Human Induced Pluripotent Stem Cells Contributes to Differences with Human Embryonic Stem Cells** *PLOS ONE*

  Ghosh, Z., Wilson, K. D., Wu, Y., Hu, S., Quertermous, T., Wu, J. C.

  2010; 5 (2)

- **Apelin is necessary for the maintenance of insulin sensitivity** *AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM*

  Yue, P., Jin, H., Aillaud, M., Deng, A. C., Azuma, J., Asagami, T., Kundu, R. K., Reaven, G. M., Quertermous, T., Tsao, P. S.

  2010; 298 (1): E59-E67

- **Ontogeny of apelin and its receptor in the rodent gastrointestinal tract** *REGULATORY PEPTIDES*

  Wang, G., Kundu, R., Han, S., Qi, X., Englander, E. W., Quertermous, T., Greeley, G. H.

  2009; 158 (1-3): 32-39

- **Endothelial cell specific adhesion molecule (ESAM) localizes to platelet-platelet contacts and regulates thrombus formation in vivo** *JOURNAL OF THROMBOSIS AND HAEMOSTASIS*

  Stalker, T. J., Wu, J., Morgans, A., Traxler, E. A., Wang, L., CHATTERJEE, M. S., Lee, D., Quertermous, T., Hall, R. A., Hammer, D. A., Diamond, S. L., Brass, L. F.

  2009; 7 (11): 1886-1896

- **Endogenous regulation of cardiovascular function by apelin-APJ** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*

  Charo, D. N., Ho, M., Fajardo, G., Kawana, M., Kundu, R. K., Sheikh, A. Y., Finsterbach, T. P., Leeper, N. J., Ernst, K. V., Chen, M. M., Ho, Y. D., Chun, H. J., Bernstein, et al

  2009; 297 (5): H1904-H1913

- **Admixture mapping of quantitative trait loci for blood lipids in African-Americans** *HUMAN MOLECULAR GENETICS*

  Basu, A., Tang, H., Lewis, C. E., North, K., Curb, J. D., Quertermous, T., Mosley, T. H., Boerwinkle, E., Zhu, X., Risch, N. J.

  2009; 18 (11): 2091-2098

- **Identification of ARIA regulating endothelial apoptosis and angiogenesis by modulating proteasomal degradation of cIAP-1 and cIAP-2** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

  Ikeda, K., Nakano, R., Uraoka, M., Nakagawa, Y., Koide, M., Katsume, A., Minamino, K., Yamada, E., Yamada, H., Quertermous, T., Matsubara, H.

  2009; 106 (20): 8227-8232

- **Apelin prevents aortic aneurysm formation by inhibiting macrophage inflammation** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*

  Leeper, N. J., Tedesco, M. M., Kojima, Y., Schultz, G. M., Kundu, R. K., Ashley, E. A., Tsao, P. S., Dalman, R. L., Quertermous, T.

  2009; 296 (5): H1329-H1335

- **Insulin resistance independently predicts the progression of coronary artery calcification** *AMERICAN HEART JOURNAL*

  Lee, K. K., Fortmann, S. P., Fair, J. M., Iribarren, C., Rubin, G. D., Varady, A., Go, A. S., Quertermous, T., Hlatky, M. A.

  2009; 157 (5): 939-945

- **Targeted inactivation of endothelial lipase attenuates lung allergic inflammation through raising plasma HDL level and inhibiting eosinophil infiltration** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*

  Otera, H., Ishida, T., Nishiuma, T., Kobayashi, K., Kotani, Y., Yasuda, T., Kundu, R. K., Quertermous, T., Hirata, K., Nishimura, Y.

  2009; 296 (4): L594-L602

- **Characterizing the admixed African ancestry of African Americans** *GENOME BIOLOGY*

  Zakharia, F., Basu, A., Absher, D., Assimes, T. L., Go, A. S., Hlatky, M. A., Iribarren, C., Knowles, J. W., Li, J., Narasimhan, B., Sidney, S., Southwick, A., Myers, et al

  2009; 10 (12)

- **The Adhesion Molecule Esam1 Is a Novel Hematopoietic Stem Cell Marker** *STEM CELLS*

  Ooi, A. G., Karsunky, H., Majeti, R., Butz, S., Vestweber, D., Ishida, T., Quertermous, T., Weissman, I. L., Forsberg, E. C.

2009; 27 (3): 653-661

- **Role of Endothelial Lipase in Plasma HDL levels in a Murine Model of Hypertriglyceridemia** *JOURNAL OF ATHEROSCLEROSIS AND THROMBOSIS*
  Tanaka, H., Ishida, T., Johnston, T. P., Yasuda, T., Ueyama, T., Kojima, Y., Ramendra K, K., Quertermous, T., Ishikawa, Y., Hirata, K.
  2009; 16 (4): 327-338

- **Peroxisome Proliferator-Activated Receptor Gamma Polymorphisms and Coronary Heart Disease** *PPAR RESEARCH*
  Dallongeville, J., Iribarren, C., Ferrieres, J., Lyon, L., Evans, A., Go, A. S., Arveiler, D., Fortmann, S. P., Ducimetiere, P., Hlatky, M. A., Amouyel, P., Southwick, A., Quertermous, et al
  2009

- **Del-1, an Endogenous Leukocyte-Endothelial Adhesion Inhibitor, Limits Inflammatory Cell Recruitment** *SCIENCE*
  Choi, E. Y., Chavakis, E., Czabanka, M. A., Langer, H. F., Fraemohs, L., Economopoulou, M., Kundu, R. K., Orlandi, A., Zheng, Y. Y., Prieto, D. A., Ballantyne, C. M., Constant, S. L., Aird, et al
  2008; 322 (5904): 1101-1104

- **Apelin-APJ signaling in retinal angiogenesis** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
  Kojima, Y., Quertermous, T.
  2008; 28 (10): 1687-1688

- **Molecular and physiological characterization of RV remodeling in a murine model of pulmonary stenosis** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Urashima, T., Zhao, M., Wagner, R., Fajardo, G., Farahani, S., Quertermous, T., Bernstein, D.
  2008; 295 (3): H1351-H1368

- **Absence of evidence for an association between resistin gene variants and insulin resistance in an Asian population with low and high blood pressure** *DIABETES RESEARCH AND CLINICAL PRACTICE*
  Kimbell, J. L., Koropatnick, T. A., Grove, J. S., Huang, Y., Chiang, F., Quertermous, T., Chen, R., Donlon, T. A., Rodriguez, B. L., Curb, J. D.
  2008; 81 (2): 231-237

- **Susceptibility locus for clinical and subclinical coronary artery disease at chromosome 9p21 in the multi-ethnic ADVANCE study** *HUMAN MOLECULAR GENETICS*
  Assimes, T. L., Knowles, J. W., Basu, A., Iribarren, C., Southwick, A., Tang, H., Absher, D., Li, J., Fair, J. M., Rubin, G. D., Sidney, S., Fortmann, S. P., Go, et al
  2008; 17 (15): 2320-2328

- **Transcriptome Alteration in the Diabetic Heart by Rosiglitazone: Implications for Cardiovascular Mortality** *PLOS ONE*
  Wilson, K. D., Li, Z., Wagner, R., Yue, P., Tsao, P., Nestorova, G., Huang, M., Hirschberg, D. L., Yock, P. G., Quertermous, T., Wu, J. C.
  2008; 3 (7)

- **Increased rate of hair regrowth in mice with constitutive overexpression of Del 1** *JOURNAL OF SURGICAL RESEARCH*
  Hsu, G. P., Mathy, J. A., Wang, Z., Xia, W., Sakamoto, G., Kundu, R., Longaker, M. T., Quertermous, T., Yang, G. P.
  2008; 146 (1): 73-80

- **Common polymorphisms of ALOX5 and ALOX5AP and risk of coronary artery disease** *HUMAN GENETICS*
  Assimes, T. L., Knowles, J. W., Priest, J. R., Basu, A., Volcik, K. A., Southwick, A., Tabor, H. K., Hartiala, J., Allayee, H., Grove, M. L., Tabibiazar, R., Sidney, S., Fortmann, et al
  2008; 123 (4): 399-408

- **A near null variant of 12/15-LOX encoded by a novel SNP in ALOX15 and the risk of coronary artery disease** *ATHEROSCLEROSIS*
  Assimes, T. L., Knowles, J. W., Priest, J. R., Basu, A., Borchert, A., Volcik, K. A., Grove, M. L., Tabor, H. K., Southwick, A., Tabibiazar, R., Sidney, S., Boerwinkle, E., Go, et al
  2008; 198 (1): 136-144

- **Failure to replicate an association of SNPs in the oxidized LDL receptor gene (OLRI) with CAD** *BMC MEDICAL GENETICS*
  Knowles, J. W., Assimes, T. L., Boerwinkle, E., Fortmann, S. P., Go, A., Grove, M. L., Hlatky, M., Iribarren, C., Li, J., Myers, R., Risch, N., Sidney, S., Southwick, et al
  2008; 9

- **The negative correlation between plasma adiponectin and blood pressure depends on obesity: A family-based association study in SAPPHIRe** *AMERICAN JOURNAL OF HYPERTENSION*
  Li, H., Chiu, Y., Hwu, C., Sheu, W. H., Hung, Y., Fujimoto, W., Quertermous, T., Curb, J. D., Tai, T., Chuang, L.

2008; 21 (4): 471-476

- **In vivo genetic profiling and cellular localization of apelin reveals a hypoxia-sensitive, endothelial-centered pathway activated in ischemic heart failure** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Sheikh, A. Y., Chun, H. J., Glassford, A. J., Kundu, R. K., Kutschka, I., Ardigo, D., Hendry, S. L., Wagner, R. A., Chen, M. M., Ali, Z. A., Yue, P., Huynh, D. T., Connolly, et al
  2008; 294 (1): H88-H98

- **A novel platform device for rodent echocardiography.** *ILAR journal*
  Kutschka, I., Sheikh, A. Y., Sista, R., Hendry, S. L., Chun, H. J., Hoyt, G., Kutschka, W., Pelletier, M. P., Quertermous, T., Wu, J. C., Robbins, R. C.
  2008; 49: E1-7

- **Association of polymorphisms in platelet and hemostasis system genes with acute myocardial infarction** *AMERICAN HEART JOURNAL*
  Knowles, J. W., Wang, H., Itakura, H., Southwick, A., Myers, R. M., Iribarren, C., Fortmann, S. P., Go, A. S., Quertermous, T., Hlatky, M. A.
  2007; 154 (6): 1052-1058

- **Polymorphisms in hypoxia inducible factor 1 and the initial clinical presentation of coronary disease** *AMERICAN HEART JOURNAL*
  Hlatky, M. A., Quertermous, T., Boothroyd, D. B., Priest, J. R., Glassford, A. J., Myers, R. M., Fortmann, S. P., Iribarren, C., Tabor, H. K., Assimes, T. L., Tibshirani, R. J., Go, A. S.
  2007; 154 (6): 1035-1042

- **Matrix metalloproteinase circulating levels, genetic polymorphisms, and susceptibility to acute myocardial infarction among patients with coronary artery disease** *AMERICAN HEART JOURNAL*
  Hlatky, M. A., Ashley, E., Quertermous, T., Boothroyd, D. B., Ridker, P., Southwick, A., Myers, R. M., Iribarren, C., Fortmann, S. P., Go, A. S.
  2007; 154 (6): 1043-1051

- **HIF-1 regulates hypoxia- and insulin-induced expression of apelin in adipocytes** *AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM*
  Glassford, A. J., Yue, P., Sheikh, A. Y., Chun, H. J., Zarafshar, S., Chan, D. A., Reaven, G. M., Quertermous, T., Tsao, P. S.
  2007; 293 (6): E1590-E1596

- **Do plasma biomarkers of coagulation and fibrinolysis differ between patients who have experienced an acute myocardial infarction versus stable exertional angina?** *AMERICAN HEART JOURNAL*
  Itakura, H., Sobel, B. E., Boothroyd, D., Leung, L. L., Iribarren, C., Go, A. S., Fortmann, S. P., Quertermous, T., Hlatky, M. A.
  2007; 154 (6): 1059-1064

- **Circulating chemokines accurately identify individuals with clinically significant atherosclerotic heart disease** *PHYSIOLOGICAL GENOMICS*
  Ardigo, D., Assimes, T. L., Fortmann, S. P., Go, A. S., Hlatky, M., Hytopoulos, E., Iribarren, C., Tsao, P. S., Tabibiazar, R., Quertermous, T.
  2007; 31 (3): 402-409

- **Frontiers in nephrology: Genomic approaches to understanding the molecular basis of atherosclerosis** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
  Ashley, E. A., Spin, J. M., Tabibiazar, R., Quertermous, T.
  2007; 18 (11): 2853-2862

- **Genetic susceptibility to peripheral arterial disease: A dark corner in vascular biology** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
  Knowles, J. W., Assimes, T. L., Li, J., Quertermous, T., Cooke, J. P.
  2007; 27 (10): 2068-2078

- **Hepatic proprotein convertases modulate HDL metabolism** *CELL METABOLISM*
  Jin, W., Wang, X., Millar, J. S., Quertermous, T., Rothblat, G. H., Glick, J. M., Rader, D. J.
  2007; 6 (2): 129-136

- **Bivariate genome-wide scan for metabolic phenotypes in non-diabetic Chinese individuals from the stanford, Asia and pacific program of hypertension and insulin resistance family study** *DIABETOLOGIA*
  Chin, Y., Chuang, L., Kao, H., Ho, L., Ting, C., Hung, Y., Chen, Y., Donlon, T., Curb, J. D., Quertermous, T., Hsiung, C. A.
  2007; 50 (8): 1631-1640

- **Endothelial lipase is increased by inflammation and promotes LDL uptake in macrophages** *JOURNAL OF ATHEROSCLEROSIS AND THROMBOSIS*
  Yasuda, T., Hirata, K., Ishida, T., Kojima, Y., Tanaka, H., Okada, T., Quertermous, T., Yokoyama, M.
  2007; 14 (4): 192-201

- **Heritability of left ventricular mass in Japanese families living in Hawaii: the SAPPHIRe Study** *JOURNAL OF HYPERTENSION*
  Assimes, T. L., Narasimhan, B., Seto, T. B., Yoon, S., Curb, J. D., Olshen, R. A., Quertermous, T.
  2007; 25 (5): 985-992

- **Apelin and its G protein-coupled receptor regulate cardiac development as well as cardiac function** *DEVELOPMENTAL CELL*
  Quertermous, T.
  2007; 12 (3): 319-320

- **Network analysis of human in-stent restenosis** *CIRCULATION*
  Ashley, E. A., Ferrara, R., King, J. Y., Vailaya, A., Kuchinsky, A., He, X., Byers, B., Gerckens, U., Oblin, S., Tsalenko, A., Soito, A., Spin, J. M., Tabibiazar, et al
  2006; 114 (24): 2644-2654

- **Metabolic syndrome and early-onset coronary artery disease - Is the whole greater than its parts?** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Iribarren, C., Go, A. S., Husson, G., Sidney, S., Fair, J. M., Quertermous, T., Hlatky, M. A., Fortmann, S. P.
  2006; 48 (9): 1800-1807

- **Opposing cardiovascular roles for the angiotensin and apelin signaling pathways** *JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY*
  Ashley, E., Chun, H. J., Quertermous, T.
  2006; 41 (5): 778-781

- **Glia maturation factor-gamma is preferentially expressed in microvascular endothelial and inflammatory cells and modulates actin cytoskeleton reorganization** *CIRCULATION RESEARCH*
  Ikeda, K., Kundu, R. K., Ikeda, S., Kobara, M., Matsubara, H., Quertermous, T.
  2006; 99 (4): 424-433

- **Molecular signatures determining coronary artery and saphenous vein smooth muscle cell phenotypes - Distinct responses to stimuli** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
  Deng, D. X., Spin, J. M., Tsalenko, A., Vailaya, A., Ben-Dor, A., Yakhini, Z., Tsao, P., Bruhn, L., Quertermous, T.
  2006; 26 (5): 1058-1065

- **Proteomic profiles of serum inflammatory markers accurately predict atherosclerosis in mice** *PHYSIOLOGICAL GENOMICS*
  Tabibiazar, R., Wagner, R. A., Deng, A., Tsao, P. S., Quertermous, T.
  2006; 25 (2): 194-202

- **The impact of data quality on the identification of complex disease genes: experience from the Family Blood Pressure Program** *EUROPEAN JOURNAL OF HUMAN GENETICS*
  Chang, Y. P., Kim, J. D., Schwander, K., Rao, D. C., Miller, M. B., Weder, A. B., Cooper, R. S., Schork, N. J., Province, M. A., Morrison, A. C., Kardia, S. L., Quertermous, T., Chakravarti, et al
  2006; 14 (4): 469-477

- **Transcriptional profiling of reporter genes used for molecular imaging of embryonic stem cell transplantation** *PHYSIOLOGICAL GENOMICS*
  Wu, J. C., Spin, J. M., Cao, F., Lin, S. A., Xie, X. Y., Gheysens, O., Chen, I. Y., Sheikh, A. Y., Robbins, R. C., Tsalenko, A., Gambhir, S. S., Quertermous, T.
  2006; 25 (1): 29-38

- **Statin and beta-blocker therapy and the initial presentation of coronary heart disease** *ANNALS OF INTERNAL MEDICINE*
  Go, A. S., Iribarren, C., Chandra, M., Lathon, P. V., Fortmann, S. P., Quertermous, T., Hlatky, M. A.
  2006; 144 (4): 229-238

- **Differences in vascular bed disease susceptibility reflect differences in gene expression response to atherogenic stimuli** *CIRCULATION RESEARCH*
  Deng, D. X., Tsalenko, A., Vailaya, A., Ben-Dor, A., Kundu, R., Estay, I., Tabibiazar, R., Kincaid, R., Yakhini, Z., Bruhn, L., Quertermous, T.
  2006; 98 (2): 200-208

- **Dual in vivo magnetic resonance evaluation of magnetically labeled mouse embryonic stem cells and cardiac function at 1.5 T** *MAGNETIC RESONANCE IN MEDICINE*
  Arai, T., Kofidis, T., Bulte, J. W., de Bruin, J., Venook, R. D., Berry, G. J., McConnell, M. V., Quertermous, T., Robbins, R. C., Yang, P. C.
  2006; 55 (1): 203-209

- **An updated meta-analysis of genome scans for hypertension and blood pressure in the NHLBI Family Blood Pressure Program (FBPP)** *AMERICAN JOURNAL OF HYPERTENSION*
  Wu, X. D., Kan, D. H., Province, M., Quertermous, T., Rao, D. C., Chang, C., Mosley, T. H., Curb, D., Boerwinkle, E., Cooper, R. S.

2006; 19 (1): 122-127

- **Genome-wide expression dynamics during mouse embryonic development reveal similarities to Drosophila development** *DEVELOPMENTAL BIOLOGY*
  Wagner, R. A., Tabibiazar, R., Liao, A., Quertermous, T.
  2005; 288 (2): 595-611

- **Overexpression of the Del1 gene causes dendritic branching in the mouse mesentery** *ANATOMICAL RECORD PART A-DISCOVERIES IN MOLECULAR CELLULAR AND EVOLUTIONARY BIOLOGY*
  Hidai, C., Kawana, M., Habu, K., Kazama, H., Kawase, Y., Iwata, T., Suzuki, H., Quertermous, T., Kokubun, S.
  2005; 287A (2): 1165-1175

- **Two major QTLs and several others relate to factors of metabolic syndrome in the family blood pressure program** *HYPERTENSION*
  Kraja, A. T., Rao, D. C., Weder, A. B., Cooper, R., Curb, J. D., Hanis, C. L., Turner, S. T., de Andrade, M., Hsiung, C. A., Quertermous, T., Zhu, X. F., Province, M. A.
  2005; 46 (4): 751-757

- **Pathway analysis of coronary atherosclerosis** *PHYSIOLOGICAL GENOMICS*
  King, J. Y., Ferrara, R., Tabibiazar, R., Spin, J. M., Chen, M. M., Kuchinsky, A., Vailaya, A., Kincaid, R., Tsalenko, A., Deng, D. X., Connolly, A., Zhang, P., Yang, et al
  2005; 23 (1): 103-118

- **An evaluation of the metabolic syndrome in a large multi-ethnic study: the Family Blood Pressure Program.** *Nutrition & metabolism*
  Kraja, A. T., Rao, D. C., Weder, A. B., Mosley, T. H., Turner, S. T., Hsiung, C. A., Quertermous, T., Cooper, R., Curb, J. D., Province, M. A.
  2005; 2: 17-?

- **Signature patterns of gene expression in mouse atherosclerosis and their correlation to human coronary disease** *PHYSIOLOGICAL GENOMICS*
  Tabibiazar, R., Wagner, R. A., Ashley, E. A., King, J. Y., Ferrara, R., Spin, J. M., Sanan, D. A., Narasimhan, B., Tibshirani, R., Tsao, P. S., Efron, B., Quertermous, T.
  2005; 22 (2): 213-226

- **Platelet endothelial aggregation receptor 1 (PEAR1), a novel epidermal growth factor repeat-containing transmembrane receptor, participates in platelet contact-induced activation** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Nanda, N., Bao, M., Lin, H., Clauser, K., Komuves, L., Quertermous, T., Conley, P. B., Phillips, D. R., Hart, M. J.
  2005; 280 (26): 24680-24689

- **Increased expression of endothelial lipase in rat models of hypertension** *CARDIOVASCULAR RESEARCH*
  Shimokawa, Y., Hirata, K., Ishida, T., Kojima, Y., Inoue, N., Quertermous, T., Yokoyama, M.
  2005; 66 (3): 594-600

- **Myocardial restoration with embryonic stem cell bioartificial tissue transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Kofidis, T., de Bruin, J. L., Hoyt, G., Ho, Y., Tanaka, M., Yamane, T., Lebl, D. R., Swijnenburg, R. J., CHANG, C. P., Quertermous, T., Robbins, R. C.
  2005; 24 (6): 737-744

- **An autosomal genome-wide scan for loci linked to pre-diabetic phenotypes in nondiabetic Chinese subjects from the Stanford Asia-Pacific program of hypertension and insulin resistance family study** *DIABETES*
  Chiu, Y. F., Chuang, L. M., Hsiao, C. F., Hung, Y. J., Lin, M. W., Chen, Y. T., Grove, J., Jorgenson, E., Quertermous, T., Risch, N., Hsiung, C. A.
  2005; 54 (4): 1200-1206

- **Genome-wide linkage scans for fasting glucose, insulin, and insulin resistance in the National Heart, Lung, and Blood Institute Family Blood Pressure Program - Evidence of linkages to chromosome 7q36 and 19q13 from meta-analysis** *DIABETES*
  An, P., Freedman, B. I., Hanis, C. L., CHEN, Y. D., Weder, A. B., Schork, N. J., Boerwinkle, E., Province, M. A., Hsiung, C. A., Wu, X. D., Quertermous, T., Rao, D. C.
  2005; 54 (3): 909-914

- **Admixture mapping for hypertension loci with genome-scan markers** *NATURE GENETICS*
  Zhu, X. F., Luke, A., Cooper, R. S., Quertermous, T., Hanis, C., Mosley, T., Gu, C. C., Tang, H., Rao, D. C., Risch, N., Weder, A.
  2005; 37 (2): 177-181

- **EnGEF: A novel guanine nucleolide exchange factor modulates endothelial cell development** *54th Annual Scientific Session of the American-College-of-Cardiology*
  Shah, S. B., Wang, H. J., Quertermous, T.

ELSEVIER SCIENCE INC.2005: 406A–406A

- **Mouse strain-specific differences in vascular wall gene expression and their relationship to vascular disease** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
  Tabibiazar, R., Wagner, R. A., Spin, J. M., Ashley, E. A., Narasimhan, B., Rubin, E. M., Efron, B., Tsao, P. S., Tibshirani, R., Quertermous, T.
  2005; 25 (2): 302-308

- **Genetic structure, self-identified race/ethnicity, and confounding in case-control association studies** *AMERICAN JOURNAL OF HUMAN GENETICS*
  Tang, H., Quertermous, T., Rodriguez, B., Kardia, S. L., Zhu, X. F., Brown, A., Pankow, J. S., Province, M. A., Hunt, S. C., Boerwinkle, E., Schork, N. J., Risch, N. J.
  2005; 76 (2): 268-275

- **The endogenous peptide apelin potently improves cardiac contractility and reduces cardiac loading in vivo** *CARDIOVASCULAR RESEARCH*
  Ashley, E. A., Powers, J., Chen, M., Kundu, R., Finsterbach, T., Caffarelli, A., Deng, A., Eichhorn, J., Mahajan, R., Agrawal, R., Greve, J., Robbins, R., Patterson, et al
  2005; 65 (1): 73-82

- **Molecular isolation and characterization of a soluble isoform of activated leukocyte cell adhesion molecule that modulates endothelial cell function** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Ikeda, K., Quertermous, T.
  2004; 279 (53): 55315-55323

- **Endothelial lipase modulates monocyte adhesion to the vessel wall - A potential role in inflammation** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Kojma, Y., Hirata, K., Ishida, T., Shimokawa, Y., Inoue, N., Kawashima, S., Quertermous, T., Yokoyama, M.
  2004; 279 (52): 54032-54038

- **Genome-wide expression profiling of a cardiac pressure overload model identifies major metabolic and signaling pathway responses** *JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY*
  Wagner, R. A., Tabibiazar, R., Powers, J., Bernstein, D., Quertermous, T.
  2004; 37 (6): 1159-1170

- **Transcriptional profiling of in vitro smooth muscle cell differentiation identifies specific patterns of gene and pathway activation** *PHYSIOLOGICAL GENOMICS*
  Spin, J. M., Nallamshetty, S., Tabibiazar, R., Ashley, E. A., King, J. Y., Chen, M., Tsao, P. S., Quertermous, T.
  2004; 19 (3): 292-302

- **Biethnic comparisons of autosomal genomic scan for loci linked to plasma adiponectin in populations of Chinese and Japanese origin** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
  Chuang, L. M., Chiu, Y. F., Sheu, W. H., Hung, Y. J., Ho, L. T., Grove, J., Rodriguez, B., Quertermous, T., CHEN, Y. D., Hsiung, C. A., Tai, T. Y.
  2004; 89 (11): 5772-5778

- **Endothelial lipase modulates susceptibility to atherosclerosis in apolipoprotein-E-deficient mice** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Ishida, T., Choi, S. S., Kundu, R. K., Spin, J., Yamashita, T., Hirata, K., Kojima, Y., Yokoyama, M., Cooper, A. D., Quertermous, T.
  2004; 279 (43): 45085-45092

- **Endothelial lipase is synthesized by hepatic and aorta endothelial cells and its expression is altered in apoE-deficient mice** *JOURNAL OF LIPID RESEARCH*
  Yu, K. C., David, C., Kadambi, S., Stahl, A., Hirati, K. I., Ishida, T., Quertermous, T., Cooper, A. D., Choi, S. Y.
  2004; 45 (9): 1614-1623

- **The role of developmental endothelial locus 1 (Del1) in skeletal development** *90th Annual Clinical Congress of the American-College-of-Surgeons*
  Malladi, P., Xu, Y., Wang, Z., Sakamoto, G., Longaker, M. T., Quertermous, T., Yang, G.
  ELSEVIER SCIENCE INC.2004: S49–S50

- **Tree-structured supervised learning and the genetics of hypertension** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Huang, J., Lin, A., Narasimhan, B., Quertermous, T., Hsiung, C. A., Ho, L. T., Grove, J. S., Olivier, M., Ranade, K., Risch, N. J., Shen, R. A.
  2004; 101 (29): 10529-10534

- **Developmental endothelial locus-1 (Del-1), a novel angiogenic protein - Its role in ischemia** *CIRCULATION*
  Ho, H. K., Jang, J. J., Kaji, S., Spektor, G., Fong, A., Yang, P., Hu, B. S., Schatzman, R., Quertermous, T., Cooke, J. P.

2004; 109 (10): 1314-1319

- **In vivo magnetic resonance evaluation of the effects of mouse embryonic stem cells on cardiac function** *53rd Annual Scientific Session of the American-College-of-Cardiology*
  Arai, T., de Bruin, J., Kofidis, T., Venook, R., McConnell, M. V., Quertermous, T., Robbins, R., Yang, P. C.
  ELSEVIER SCIENCE INC.2004: 532A–532A

- **Molecular cloning of nonsecreted endothelial cell-derived lipase isoforms** *GENOMICS*
  Ishida, T., Zheng, Z., Dichek, H. L., Wang, H. J., Moreno, I., Yang, E., Kundu, R. K., Talbi, S., Hirata, K. I., Leung, L. L., Quertermous, T.
  2004; 83 (1): 24-33

- **Physical inactivity is an important lifestyle determinant of insulin resistance in hypertensive patients** *BLOOD PRESSURE*
  Hwu, C. M., Hsiao, C. F., Kuo, S. W., Wu, K. D., Ting, C. T., Quertermous, T., Rodriguez, B., Chen, I., Grove, J., Chen, P. Y., Ho, L. T.
  2004; 13 (6): 355-361

- **Transcriptional profiling of the heart reveals chamber-specific gene expression patterns** *CIRCULATION RESEARCH*
  Tabibiazar, R., Wagner, R. A., Liao, A., Quertermous, T.
  2003; 93 (12): 1193-1201

- **Cardiac allograft monitoring using a novel clinical algorithm based on peripheral leukocyte gene expression profiling** *76th Annual Scientific Session of the American-Heart-Association*
  Deng, M. C., Mehra, M. C., Eisen, H. J., Billingham, M., Berry, G., Marboe, C., Itescu, S., Kobashigawa, J., Wohlgemuth, J. G., Quertermous, T., Hunt, S.
  LIPPINCOTT WILLIAMS & WILKINS.2003: 389–89

- **Comparison of developmental endothelial locus-1 angiogenic factor with vascular endothelial growth factor in a porcine model of cardiac ischemia** *ANNALS OF THORACIC SURGERY*
  Kown, M. H., Suzuki, T., Koransky, M. L., Penta, K., Sakamoto, G., Jahncke, C. L., Carter, A. J., Quertermous, T., Robbins, R. C.
  2003; 76 (4): 1246-1251

- **Novel role for the potent endogenous inotrope apelin in human cardiac dysfunction** *CIRCULATION*
  Chen, M. M., Ashley, E. A., Deng, D. X., Tsalenko, A., Deng, A., Tabibiazar, R., Ben-Dor, A., Fenster, B., Yang, E., King, J. Y., Fowler, M., Robbins, R., Johnson, et al
  2003; 108 (12): 1432-1439

- **Targeted disruption of endothelial cell-selective adhesion molecule inhibits angiogenic processes in vitro and in vivo** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Ishida, T., Kundu, R. K., Yang, E., Hirata, K., Ho, Y. D., Quertermous, T.
  2003; 278 (36): 34598-34604

- **Altered expression of endothelial cell-derived lipase in diseased vessel wall and its impact on HDL metabolism** *13th International Symposium on Atherosclerosis*
  Ishida, T., Hirata, K., Kojima, Y., Choi, S., Cooper, A., Quertermous, T., Yokoyama, M.
  ELSEVIER IRELAND LTD.2003: 232–33

- **Neovascularization of ischemic tissues by gene delivery of the extracellular matrix protein Del-1** *JOURNAL OF CLINICAL INVESTIGATION*
  Zhong, J. P., Eliceiri, B., Stupack, D., Penta, K., Sakamoto, G., Quertermous, T., Coleman, M., Boudreau, N., Varner, J. A.
  2003; 112 (1): 30-41

- **Genetic epistasis of adiponectin and PPAR gamma 2 genotypes in modulation of insulin sensitivity: a family-based association study** *DIABETOLOGIA*
  Yang, W. S., Hsiung, C. A., Ho, L. T., Chen, Y. T., He, C. T., Curb, J. D., Grove, J., Quertermous, T., CHEN, Y. D., Kuo, S. S., Chuang, L. M.
  2003; 46 (7): 977-983

- **Immunohistochemical localization of endothelial cell-derived lipase in atherosclerotic human coronary arteries** *CARDIOVASCULAR RESEARCH*
  Azumi, H., Hirata, K., Ishida, T., Kojiam, Y., Rikitake, Y., Takeuchi, S., Inoue, N., Kawashima, S., Hayashi, Y., Itoh, H., Quertermous, T., Yokoyama, M.
  2003; 58 (3): 647-654

- **Identification of endothelial cell genes by combined database mining and microarray analysis** *PHYSIOLOGICAL GENOMICS*
  Ho, M., Yang, E., Matcuk, G., Deng, D., Sampas, N., Tsalenko, A., Tabibiazar, R., Zhang, Y., Chen, M., Talbi, S., Ho, Y. D., Wang, J., Tsao, et al
  2003; 13 (3): 249-262

- **FGF-1 enhanced cardiogenesis in differentiating embryonal carcinoma cell cultures, which was opposite to the effect of FGF-2** *JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY*

Hidai, C., Masako, O., Ikeda, H., Nagashima, H., Matsuoka, R., Quertermous, T., Kasanuki, H., Kokubun, S., Kawana, M.
2003; 35 (4): 421-425

- **Sagittal abdominal diameter is associated with insulin sensitivity in Chinese hypertensive patients and their siblings** *JOURNAL OF HUMAN HYPERTENSION*
  Hwu, C. M., Hsiao, C. F., Sheu, W. H., Pei, D., Tai, T. Y., Quertermous, T., Rodriguez, B., Pratt, R., CHEN, Y. D., Ho, L. T.
  2003; 17 (3): 193-198

- **Endothelial lipase is a major determinant of HDL level** *JOURNAL OF CLINICAL INVESTIGATION*
  Ishida, T., Choi, S., Kundu, R. K., Hirata, K., Rubin, E. M., Cooper, A. D., Quertermous, T.
  2003; 111 (3): 347-355

- **Use of high throughput genomic tools for the study of endothelial cell biology.** *Lymphatic research and biology*
  Tabibiazar, R., Quertermous, T.
  2003; 1 (2): 133-145

- **Therapeutic lymphangiogenesis with human recombinant VEGF-C.** *FASEB journal*
  Szuba, A., Skobe, M., Karkkainen, M. J., Shin, W. S., Beynet, D. P., Rockson, N. B., Dakhil, N., Spilman, S., Goris, M. L., Strauss, H. W., Quertermous, T., Alitalo, K., Rockson, et al
  2002; 16 (14): 1985-1987

- **Increased HDL/LDL cholesterol in mice lacking endothelial cell-derived lipase** *American-Heart-Association Abstracts From Scientific Sessions*
  Ishida, T., Kundu, R. K., Choi, S. Y., Cooper, A. D., Hirata, K., Wang, H. J., Quertermous, T.
  LIPPINCOTT WILLIAMS & WILKINS.2002: 76–76

- **Role of endothelial cell derived lipase (EDL) in the uptake of plasma lipoproteins** *American-Heart-Association Abstracts From Scientific Sessions*
  Grosskopf, I., David, C. J., Hirata, K., Ishida, T., Quertermous, T., Cooper, A. D., Choi, S. S.
  LIPPINCOTT WILLIAMS & WILKINS.2002: 122–22

- **Endothelial lipase: a new lipase on the block** *JOURNAL OF LIPID RESEARCH*
  Choi, S. Y., Hirata, K., Ishida, T., Quertermous, T., Cooper, A. D.
  2002; 43 (11): 1763-1769

- **Inducible and selective transgene expression in murine vascular endothelium** *PHYSIOLOGICAL GENOMICS*
  Teng, P. I., DiChiara, M. R., Komuves, L. G., Abe, K., Quertermous, T., Topper, J. N.
  2002; 11 (2): 99-107

- **The embryonic angiogenic factor Del1 accelerates tumor growth by enhancing vascular formation** *MICROVASCULAR RESEARCH*
  Aoka, Y., Johnson, F. L., Penta, K., Hirata, K., Hidai, C., Schatzman, R., Varner, J. A., Quertermous, T.
  2002; 64 (1): 148-161

- **Del1 mediates VSMC adhesion, migration, and proliferation through interaction with integrin alpha v beta(3)** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Rezaee, M., Penta, K., Quertermous, T.
  2002; 282 (5): H1924-H1932

- **Therapeutic lymphangiogenesis in a rabbit ear model of chronic post-surgical lymphatic insufficiency**
  Szuba, A., Skobe, M., Shin, W., Beynet, D. P., Rockson, N. B., Dakhil, N., Goris, M. L., Strauss, H. W., Quertermous, T., Alitalo, K., Rockson, S. G.
  FEDERATION AMER SOC EXP BIOL.2002: A516–A516

- **A model for chronic, post-surgical lymphatic insufficiency**
  Shin, W., Szuba, A., Skobe, M., Beynet, D. P., Rockson, N. B., Dakhil, N., Goris, M. L., Strauss, H. W., Quertermous, T., Alitalo, K., Rockson, S. G.
  FEDERATION AMER SOC EXP BIOL.2002: A123–A124

- **A model of acute, post-surgical lymphedema**
  Beynet, D. P., Szuba, A., Skobe, M., Rockson, N. B., Dakhil, N., Shin, W., Goris, M. L., Strauss, H. W., Quertermous, T., Alitalo, K., Rockson, S. G.
  FEDERATION AMER SOC EXP BIOL.2002: A124–A124

- **Identification of an octamer element required for in vivo expression of the TIE1 gene in endothelial cells** *BIOCHEMICAL JOURNAL*
  Boutet, S. C., Quertermous, T., Fadel, B. M.
  2001; 360: 23-29

- **NHLBI workshop report: endothelial cell phenotypes in heart, lung, and blood diseases.** *American journal of physiology. Cell physiology*
  Stevens, T., Rosenberg, R., Aird, W., Quertermous, T., Johnson, F. L., Garcia, J. G., Hebbel, R. P., Tuder, R. M., Garfinkel, S.
  2001; 281 (5): C1422-33

- **Anti-angiogenic effects of thalidomide characterized by transciptional profiling of endothelial cell-specific gene expression**
  Yang, E., Matcuk, G., Zhang, Y., Talbi, S., Chen, M., Ho, M., Liao, C., Tsao, P. S., Quertermous, T., Deng, D., Sampas, N., Ach, R., Love, et al
  LIPPINCOTT WILLIAMS & WILKINS.2001: 123–23

- **Vezf1/DB1 is an endothelial cell-specific transcription factor that regulates expression of the endothelia-1 promoter** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Aitsebaomo, J., Kingsley-Kallesen, M. L., Wu, Y. X., Quertermous, T., Patterson, C.
  2001; 276 (42): 39197-39205

- **Cloning of an immunoglobulin family adhesion molecule selectively expressed by endothelial cells** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Hirata, K., Ishida, T., Penta, K., Rezaee, M., Yang, E., Wohlgemuth, J., Quertermous, T.
  2001; 276 (19): 16223-16231

- **Production of a genomic DNA library.** *Current protocols in molecular biology / edited by Frederick M. Ausubel ... [et al.]*
  Quertermous, T.
  2001; Chapter 5: Unit5 7-?

- **Plating and transferring bacteriophage libraries.** *Current protocols in molecular biology / edited by Frederick M. Ausubel ... [et al.]*
  Quertermous, T.
  2001; Chapter 6: Unit6 1-?

- **Purification of bacteriophage clones.** *Current protocols in molecular biology / edited by Frederick M. Ausubel ... [et al.]*
  Quertermous, T.
  2001; Chapter 6: Unit6 5-?

- **Size fractionation using sucrose gradients.** *Current protocols in molecular biology / edited by Frederick M. Ausubel ... [et al.]*
  Weis, J. H., Quertermous, T.
  2001; Chapter 5: Unit5 3-?

- **Size fractionation using agarose gels.** *Current protocols in molecular biology / edited by Frederick M. Ausubel ... [et al.]*
  Quertermous, T.
  2001; Chapter 5: Unit5 4-?

- **Plasma EDL levels were not altered In patients deficient in LPL or HL.**
  Choi, S. S., Kadambi, S. N., David, C., Hirata, K., Quertermous, T., Brunzell, J., Cooper, A. D.
  LIPPINCOTT WILLIAMS & WILKINS.2001: 716–16

- **Del1 is upregulated after vascular injury, and can mediate vascular smooth muscle cell adhesion, migration, and proliferation.**
  Rezaee, M., Ward, M. R., Yeung, A. C., Quertermous, T.
  LIPPINCOTT WILLIAMS & WILKINS.2000: 225–25

- **Feasibility studies of percutaneous mammalian cell delivery for local myocardial treatment.**
  Rezaee, M., Altman, P., Altman, J. D., Quertermous, T., Yeung, A. C., Carter, A., Stertzer, S.
  EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2000: 4I–4I

- **Performance characterization of cDNA microarrays produced by thermal ink-jet (TIJ) deposition.**
  Stanton, L., Bruhn, L., Weist, D., Lightfoot, S., Villaneuva, H., Collins, S., Sum, C., Ilsley-Tyree, D., Webb, P., Westall, M., Templin, C., Gonzalas, S., DaQuino, et al
  CELL PRESS.2000: 267–67

- **Regulated expression of endothelial cell-derived lipase** *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*
  Hirata, K., Ishida, T., Matsushita, H., Tsao, P. S., Quertermous, T.
  2000; 272 (1): 90-93

- **Cardiovascular overexpression of transforming growth factor-beta(1) causes abnormal yolk sac vasculogenesis and early embryonic death** *CIRCULATION RESEARCH*

Agah, R., Prasad, K. S., Linnemann, R., Firpo, M. T., Quertermous, T., Dichek, D. A.
2000; 86 (10): 1024-1030

- **Endothelial cell-specific regulation of the murine endothelin-1 gene** *17th Scientific Meeting of the International-Society-of-Hypertension*
  Fadel, B. M., Boutet, S. C., Quertermous, T.
  LIPPINCOTT WILLIAMS & WILKINS.2000: S7–S11

- **Developmentally regulated endothelial cell-locus-1 (Del1): A novel angiogenic protein; Its role in ischemia**
  Jang, J. J., Ho, H. K., Spektor, G., Kaji, S., Yang, P. C., Hu, B. S., Fong, A., Schatzman, R., Quertermous, T., Cooke, J. P.
  LIPPINCOTT WILLIAMS & WILKINS.1999: 58–58

- **Regulated expression of a unique lipase in endothelial cells suggests a local role in disease-associated lipid metabolism in the blood vessel wall**
  Hirata, K., Dichek, H. L., Choi, S. Y., Leeper, N. J., Cooper, A. D., Quertermous, T.
  LIPPINCOTT WILLIAMS & WILKINS.1999: 610–10

- **Octamer-dependent in vivo expression of the endothelial cell-specific TIE2 gene** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Fadel, B. M., Boutet, S. C., Quertermous, T.
  1999; 274 (29): 20376-20383

- **Cloning of a unique lipase from endothelial cells extends the lipase gene family** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Hirata, K., Dichek, H. L., Cioffi, J. A., Choi, S. Y., Leeper, N. J., Quintana, L., Kronmal, G. S., Cooper, A. D., Quertermous, T.
  1999; 274 (20): 14170-14175

- **Del1 induces integrin signaling and angiogenesis by ligation of alpha V beta 3** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Penta, K., Varner, J. A., Liaw, L., Hidai, C., Schatzman, R., Quertermous, T.
  1999; 274 (16): 11101-11109

- **Cloning of capsulin, a basic helix-loop-helix factor expressed in progenitor cells of the pericardium and the coronary arteries** *MECHANISMS OF DEVELOPMENT*
  Hidai, H., Bardales, R., Goodwin, R., Quertermous, T., Quertermous, E. E.
  1998; 73 (1): 33-43

- **Regional variability in preproEndothelin-1 gene expression in sheep pulmonary artery and lung during the onset of air-induced chronic pulmonary hypertension** *JOURNAL OF CLINICAL INVESTIGATION*
  Tchekneva, E., Quertermous, T., Christman, B. W., Lawrence, M. L., Meyrick, B.
  1998; 101 (6): 1389-1397

- **Functional analysis of the endothelial cell-specific Tie2/Tek promoter identifies unique protein-binding elements** *BIOCHEMICAL JOURNAL*
  Fadel, B. M., Boutet, S. C., Quertermous, T.
  1998; 330: 335-343

- **Cloning and characterization of developmental endothelial locus-1: An embryonic endothelial cell protein that binds the alpha v beta 3 integrin receptor** *GENES & DEVELOPMENT*
  Hidai, C., Zupancic, T., Penta, K., Mikhail, A., Kawana, M., Quertermous, E. E., Aoka, Y., Fukagawa, M., Matsui, Y., Platika, D., Auerbach, R., HOGAN, B. L., Snodgrass, et al
  1998; 12 (1): 21-33

- **Identification of an endothelial cell-specific regulatory region in the murine endothelin-1 gene** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Bu, X., Quertermous, T.
  1997; 272 (51): 32613-32622

- **Endothelin-1 transgenic mice develop glomerulosclerosis, interstitial fibrosis, and renal cysts but not hypertension** *JOURNAL OF CLINICAL INVESTIGATION*
  Hocher, B., THONEREINEKE, C., Rohmeiss, P., Schmager, F., Slowinski, T., Burst, V., Siegmund, F., Quertermous, T., Bauer, C., Neumayer, H. H., Schleuning, W. D., Theuring, F.
  1997; 99 (6): 1380-1389

- **Functional activity of the CFTR Cl- channel in human myocardium** *HEART AND VESSELS*
  Yajima, T., Nagashima, H., Tsutsumi-Sakai, R., Hagiwara, N., Hosoda, S., Quertermous, T., Kasanuki, H., Kawana, M.
  1997; 12 (6): 255-261

- **Role of endothelin in a rabbit model of acute myocardial infarction: Effects of receptor antagonists** *JOURNAL OF CARDIOVASCULAR PHARMACOLOGY*
  Vitola, J. V., Forman, M. B., HOLSINGER, J. P., Kawana, M., Atkinson, J. B., Quertermous, T., Jackson, E. K., Murray, J. J.
  1996; 28 (6): 774-783

- **Endogenous endothelin-1 mediates cardiac hypertrophy and switching of myosin heavy chain gene expression in rat ventricular myocardium** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Ichikawa, K., Hidai, C., Okuda, C., Kimata, S., Matsuoka, R., Hosoda, S., Quertermous, T., Kawana, M.
  1996; 27 (5): 1286-1291

- **Genomic organization and chromosomal localization of the gene TCF15 encoding the early mesodermal basic helix-loop-helix factor bHLH-EC2** *GENOMICS*
  Hidai, H., Quertermous, E. E., ESPINOSA, R., LEBEAU, M. M., Quertermous, T.
  1995; 30 (3): 598-601

- **MOUSE COL18A1 IS EXPRESSED IN A TISSUE-SPECIFIC MANNER AS 3 ALTERNATIVE VARIANTS AND IS LOCALIZED IN BASEMENT-MEMBRANE ZONES** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Muragaki, Y., Timmons, S., Griffith, C. M., Oh, S. P., Fadel, B., Quertermous, T., Olsen, B. R.
  1995; 92 (19): 8763-8767

- **DIRECTED ENDOTHELIAL DIFFERENTIATION OF CULTURED EMBRYONIC YOLK-SAC CELLS IN-VIVO PROVIDES A NOVEL CELL-BASED SYSTEM FOR GENE-THERAPY** *STEM CELLS*
  Wei, Y. Z., Quertermous, T., Wagner, T. E.
  1995; 13 (5): 541-547

- **COOPERATIVE INTERACTION OF GATA-2 AND AP1 REGULATES TRANSCRIPTION OF THE ENDOTHELIN-1 GENE** *MOLECULAR AND CELLULAR BIOLOGY*
  Kawana, M., Lee, M. E., Quertermous, E. E., Quertermous, T.
  1995; 15 (8): 4225-4231

- **REGIONAL AND MATURATION-ASSOCIATED EXPRESSION OF ENDOTHELIN-2 IN RAT GASTROINTESTINAL-TRACT** *JOURNAL OF HISTOCHEMISTRY CYTOCHEMISTRY*
  DELAMONTE, S. M., Quertermous, T., Hong, C. C., Bloch, K. D.
  1995; 43 (2): 203-209

- **THE IMMUNOREACTIVE REGION IN A NOVEL AUTOANTIGEN CONTAINS A NUCLEAR-LOCALIZATION SEQUENCE** *CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY*
  Bloch, D. B., RABKINA, D., Quertermous, T., Bloch, K. D.
  1994; 72 (3): 380-389

- **RESIDENT RESEARCH AWARD - PULMONARY HYPOXIA INCREASES ENDOTHELIN-1 GENE-EXPRESSION IN SHEEP** *JOURNAL OF SURGICAL RESEARCH*
  Donahue, D. M., Lee, M. E., Suen, H. C., Quertermous, T., Wain, J. C.
  1994; 57 (2): 280-283

- **CLONING AND CHARACTERIZATION OF A BASIC HELIX-LOOP-HELIX PROTEIN EXPRESSED IN EARLY MESODERM AND THE DEVELOPING SOMITES** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Quertermous, E. E., Hidai, H., Blanar, M. A., Quertermous, T.
  1994; 91 (15): 7066-7070

- **COSEGREGATION OF THE ENDOTHELIN-3 LOCUS WITH BLOOD-PRESSURE AND RELATIVE HEART-WEIGHT IN INBRED DAHL RATS** *JOURNAL OF HYPERTENSION*
  Cicila, G. T., Rapp, J. P., Bloch, K. D., Kurtz, T. W., Pravenec, M., Kren, V., Hong, C. C., Quertermous, T., Ng, S. C.
  1994; 12 (6): 643-651

- **EFFECT OF HEAVY-CHAIN SIGNAL PEPTIDE MUTATIONS AND NH(2)-TERMINAL CHAIN-LENGTH ON BINDING OF ANTIDIGOXIN ANTIBODIES** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Ping, J., Schildbach, J. F., Shaw, S. Y., Quertermous, T., Novotny, J., Bruccoleri, R., Margolies, M. N.
  1993; 268 (31): 23000-23007

- **STRUCTURAL ORGANIZATION AND CHROMOSOMAL ASSIGNMENT OF THE GENE ENCODING THE HUMAN HEPARIN-BINDING EPIDERMAL GROWTH FACTOR-LIKE GROWTH-FACTOR DIPHTHERIA-TOXIN RECEPTOR** *BIOCHEMISTRY*

Fen, Z., DHADLY, M. S., YOSHIZUMI, M., Hilkert, R. J., Quertermous, T., Eddy, R. L., SHOWS, T. B., Lee, M. E.
1993; 32 (31): 7932-7938

- **HIGH-LEVEL EXPRESSION OF ANTIBODY-PLASMINOGEN ACTIVATOR FUSION PROTEINS IN HYBRIDOMA CELLS** *THROMBOSIS RESEARCH*
  Love, T. W., Quertermous, T., Zavodny, P. J., Runge, M. S., Chou, C. C., Mullins, D., Huang, P. L., Schnee, J. M., Kestin, A. S., Savard, C. E., MICHELSON, K. D., MATSUEDA, G. R., Haber, et al
  1993; 69 (2): 221-229

- **INDUCTION OF HEPARIN-BINDING EPIDERMAL GROWTH FACTOR-LIKE GROWTH-FACTOR MESSENGER-RNA BY PHORBOL ESTER AND ANGIOTENSIN-II IN RAT AORTIC SMOOTH-MUSCLE CELLS** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  TEMIZER, D. H., YOSHIZUMI, M., Perrella, M. A., SUSANNI, E. E., Quertermous, T., Lee, M. E.
  1992; 267 (34): 24892-24896

- **Cloning and expression of a cDNA encoding human endothelium-derived relating factor/nitric oxide synthase.** *journal of biological chemistry*
  Janssens, S. P., Simouchi, A., Quertermous, T., Bloch, D. B., Bloch, K. D.
  1992; 267 (31): 22694-?

- **CLONING AND EXPRESSION OF A CDNA-ENCODING HUMAN ENDOTHELIUM-DERIVED RELAXING FACTOR NITRIC-OXIDE SYNTHASE** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Janssens, S. P., Shimouchi, A., Quertermous, T., Bloch, D. B., Bloch, K. D.
  1992; 267 (21): 14519-14522

- **GENETIC-REGULATION OF ENDOTHELIN-1 IN VASCULAR ENDOTHELIAL-CELLS** *TRENDS IN CARDIOVASCULAR MEDICINE*
  Hilkert, R. J., Lee, M. E., Quertermous, T.
  1992; 2 (4): 129-133

- **TUMOR-NECROSIS-FACTOR INCREASES TRANSCRIPTION OF THE HEPARIN-BINDING EPIDERMAL GROWTH FACTOR-LIKE GROWTH-FACTOR GENE IN VASCULAR ENDOTHELIAL-CELLS** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  YOSHIZUMI, M., Kourembanas, S., TEMIZER, D. H., Cambria, R. P., Quertermous, T., Lee, M. E.
  1992; 267 (14): 9467-9469

- **STIMULATION OF ENDOTHELIN-1 GENE-EXPRESSION BY INSULIN IN ENDOTHELIAL-CELLS** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Oliver, F. J., DELARUBIA, G., Feener, E. P., Lee, M. E., Loeken, M. R., Shiba, T., Quertermous, T., King, G. L.
  1991; 266 (34): 23251-23256

- **A RECOMBINANT CHIMERIC PLASMINOGEN-ACTIVATOR WITH HIGH-AFFINITY FOR FIBRIN HAS INCREASED THROMBOLYTIC POTENCY INVITRO AND INVIVO** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Runge, M. S., Quertermous, T., Zavodny, P. J., Love, T. W., Bode, C., Freitag, M., Shaw, S. Y., Huang, P. L., Chou, C. C., Mullins, D., Schnee, J. M., Savard, C. E., Rothenberg, et al
  1991; 88 (22): 10337-10341

- **REGULATION OF ENDOTHELIN-1 GENE-EXPRESSION BY FOS AND JUN** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Lee, M. E., DHADLY, M. S., TEMIZER, D. H., CLIFFORD, J. A., YOSHIZUMI, M., Quertermous, T.
  1991; 266 (28): 19034-19039

- **CLONING OF THE GATA-BINDING PROTEIN THAT REGULATES ENDOTHELIN-1 GENE-EXPRESSION IN ENDOTHELIAL-CELLS** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Lee, M. E., TEMIZER, D. H., CLIFFORD, J. A., Quertermous, T.
  1991; 266 (24): 16188-16192

- **EFFECT OF CHEMICAL CONJUGATION OF RECOMBINANT SINGLE-CHAIN UROKINASE-TYPE PLASMINOGEN-ACTIVATOR WITH MONOCLONAL ANTIPLATELET ANTIBODIES ON PLATELET-AGGREGATION AND ON PLASMA CLOT LYSIS INVITRO AND INVIVO** *BLOOD*
  Dewerchin, M., Lijnen, H. R., Stassen, J. M., DECOCK, F., Quertermous, T., Ginsberg, M. H., Plow, E. F., Collen, D.
  1991; 78 (4): 1005-1018

- **CDNA CLONING AND CHROMOSOMAL ASSIGNMENT OF THE ENDOTHELIN-2 GENE - VASOACTIVE INTESTINAL CONTRACTOR PEPTIDE IS RAT ENDOTHELIN-2** *GENOMICS*
  Bloch, K. D., Hong, C. C., Eddy, R. L., SHOWS, T. B., Quertermous, T.
  1991; 10 (1): 236-242

- **HYBRID MOLECULES - INSIGHTS INTO PLASMINOGEN-ACTIVATOR FUNCTION** *MOLECULAR BIOLOGY & MEDICINE*
  Runge, M. S., Bode, C., Haber, E., Quertermous, T.
  1991; 8 (2): 245-255

- **POLYMERASE CHAIN-REACTION CLONING OF L-TYPE CALCIUM-CHANNEL SEQUENCES FROM THE HEART AND THE BRAIN** *FEBS LETTERS*
  Huang, P., TEMIZER, D., Quertermous, T.
  1990; 274 (1-2): 207-213

- **EXPRESSION OF THE POTENT VASOCONSTRICTOR ENDOTHELIN IN THE HUMAN CENTRAL-NERVOUS-SYSTEM** *JOURNAL OF CLINICAL INVESTIGATION*
  Lee, M. E., DELAMONTE, S. M., Ng, S. C., Bloch, K. D., Quertermous, T.
  1990; 86 (1): 141-147

- **FUNCTIONAL-ANALYSIS OF THE ENDOTHELIN-1 GENE PROMOTER - EVIDENCE FOR AN ENDOTHELIAL CELL-SPECIFIC CIS-ACTING SEQUENCE** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Lee, M. E., Bloch, K. D., CLIFFORD, J. A., Quertermous, T.
  1990; 265 (18): 10446-10450

- **ANTIBODY-TARGETED THROMBOLYTIC AGENTS (REPRINTED FROM SCIENCE, 1989, VOL 243, PG 51-56)** *JAPANESE CIRCULATION JOURNAL-ENGLISH EDITION*
  Haber, E., Quertermous, T., MATSUEDA, G. R., Runge, M. S., Bode, C.
  1990; 54 (4): 345-353

- **BINDING OF TISSUE-TYPE PLASMINOGEN-ACTIVATOR WITH HUMAN ENDOTHELIAL-CELL MONOLAYERS - CHARACTERIZATION OF THE HIGH-AFFINITY INTERACTION WITH PLASMINOGEN-ACTIVATOR INHIBITOR-1** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Russell, M. E., Quertermous, T., Declerck, P. J., Collen, D., Haber, E., Homcy, C. J.
  1990; 265 (5): 2569-2575

- **THE ANTIBODY COMBINING SITE AS A TOOL IN THROMBOLYSIS** *SYMP ON MOLECULAR BIOLOGY OF THE CARDIOVASCULAR SYSTEM*
  Runge, M. S., Love, T. W., Quertermous, T., Bode, C., Haber, E.
  WILEY-LISS, INC.1990: 165–171

- **CDNA CLONING AND CHROMOSOMAL ASSIGNMENT OF THE GENE ENCODING ENDOTHELIN-3** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Bloch, K. D., Eddy, R. L., SHOWS, T. B., Quertermous, T.
  1989; 264 (30): 18156-18161

- **MODULATION OF MESSENGER-RNA LEVELS FOR URINARY-TYPE AND TISSUE-TYPE PLASMINOGEN-ACTIVATOR AND PLASMINOGEN-ACTIVATOR INHIBITOR-1 AND INHIBITOR-2 IN HUMAN-FIBROBLASTS BY INTERLEUKIN 1** *JOURNAL OF IMMUNOLOGY*
  Michel, J. B., Quertermous, T.
  1989; 143 (3): 890-895

- **THROMBIN REGULATION OF MESSENGER-RNA LEVELS OF TISSUE PLASMINOGEN-ACTIVATOR AND PLASMINOGEN-ACTIVATOR INHIBITOR-1 IN CULTURED HUMAN UMBILICAL VEIN ENDOTHELIAL-CELLS** *BLOOD*
  Dichek, D., Quertermous, T.
  1989; 74 (1): 222-228

- **STRUCTURAL ORGANIZATION AND CHROMOSOMAL ASSIGNMENT OF THE GENE ENCODING ENDOTHELIN** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Bloch, K. D., FRIEDRICH, S. P., Lee, M. E., Eddy, R. L., SHOWS, T. B., Quertermous, T.
  1989; 264 (18): 10851-10857

- **VARIABILITY IN MESSENGER-RNA LEVELS IN HUMAN UMBILICAL VEIN ENDOTHELIAL-CELLS OF DIFFERENT LINEAGE AND TIME IN CULTURE** *IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY*
  Dichek, D., Quertermous, T.
  1989; 25 (3): 289-292

- **PLASMINOGEN ACTIVATORS - THE OLD AND THE NEW** *CIRCULATION*
  Runge, M. S., Quertermous, T., Haber, E.
  1989; 79 (2): 217-224

- **INNOVATIVE APPROACHES TO PLASMINOGEN-ACTIVATOR THERAPY** *SCIENCE*
  Haber, E., Quertermous, T., MATSUEDA, G. R., Runge, M. S.
  1989; 243 (4887): 51-56

- **RECOMBINANT ANTIBODIES POSSESSING NOVEL EFFECTOR FUNCTIONS** *METHODS IN ENZYMOLOGY*
  Love, T. W., Runge, M. S., Haber, E., Quertermous, T.
  1989; 178: 515-527

- **STRUCTURAL INTEGRITY OF THE GLYCOPROTEIN-IIB AND GLYCOPROTEIN-IIIA GENES IN GLANZMANN THROMBASTHENIA PATIENTS FROM ISRAEL** *BLOOD*
  Russell, M. E., Seligsohn, U., Coller, B. S., Ginsberg, M. H., Skoglund, P., Quertermous, T.
  1988; 72 (5): 1833-1836

- **NONLINKAGE OF THE T-CELL RECEPTOR ALPHA-GENE, BETA-GENE, AND GAMMA-GENE TO SYSTEMIC LUPUS-ERYTHEMATOSUS IN MULTIPLEX FAMILIES** *ARTHRITIS AND RHEUMATISM*
  Wong, D. W., Bentwich, Z., MARTINEZTARQUINO, C., Seidman, J. G., DUBY, A. D., Quertermous, T., Schur, P. H.
  1988; 31 (11): 1371-1376

- **INCREASING SELECTIVITY OF PLASMINOGEN ACTIVATORS WITH ANTIBODIES** *CLINICAL RESEARCH*
  Runge, M. S., Quertermous, T., MATSUEDA, G. R., Haber, E.
  1988; 36 (5): 501-506

- **T-CELL RECEPTOR GENE REARRANGEMENT AND EXPRESSION IN HUMAN NATURAL-KILLER CELLS - NATURAL-KILLER ACTIVITY IS NOT DEPENDENT ON THE REARRANGEMENT AND EXPRESSION OF T-CELL RECEPTOR ALPHA-GENES, BETA-GENES, OR GAMMA-GENES** *IMMUNOGENETICS*
  Leiden, J. M., Gottesdiener, K. M., Quertermous, T., Coury, L., Bray, R. A., Gottschalk, L., Gebel, H., Seidman, J. G., STROMINGER, J. L., LANDAY, A. L., Kornbluth, J.
  1988; 27 (4): 231-238

- **LEFT-VENTRICULAR EJECTION FRACTION - PHYSICIAN ESTIMATES COMPARED WITH GATED BLOOD POOL SCAN MEASUREMENTS** *ARCHIVES OF INTERNAL MEDICINE*
  Eagle, K. A., Quertermous, T., Singer, D. E., Mulley, A. G., REDER, V. A., Boucher, C. A., Strauss, H. W., Thibault, G. E.
  1988; 148 (4): 882-885

- **CONSTRUCTION AND EXPRESSION OF A RECOMBINANT ANTIBODY-TARGETED PLASMINOGEN-ACTIVATOR** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Schnee, J. M., Runge, M. S., MATSUEDA, G. R., Hudson, N. W., Seidman, J. G., Haber, E., Quertermous, T.
  1987; 84 (19): 6904-6908

- **MEASURING THE HUMAN T-CELL RECEPTOR GAMMA-CHAIN LOCUS** *SCIENCE*
  Strauss, W. M., Quertermous, T., Seidman, J. G.
  1987; 237 (4819): 1217-1219

- **PROVOCATIVE PATTERN OF REARRANGEMENTS OF THE GENES FOR THE GAMMA-CHAIN AND BETA-CHAIN OF THE T-CELL RECEPTOR IN HUMAN LEUKEMIAS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Goorha, R., Bunin, N., Mirro, J., Murphy, S. B., Cross, A. H., Behm, F. G., Quertermous, T., Seidman, J., Kitchingman, G. R.
  1987; 84 (13): 4547-4551

- **HUMAN T-CELL-GAMMA CHAIN JOINING REGIONS AND T-CELL DEVELOPMENT** *JOURNAL OF IMMUNOLOGY*
  Quertermous, T., Strauss, W. M., VANDONGEN, J. J., Seidman, J. G.
  1987; 138 (8): 2687-2690

- **COMPARISON OF T-CELL RECEPTOR GENE REARRANGEMENTS IN PATIENTS WITH LARGE ANTIGRANULOCYTES T-CELL LEUKEMIA AND FELTYS SYNDROME** *JOURNAL OF IMMUNOLOGY*
  Freimark, B., Lanier, L., Phillips, J., Quertermous, T., Fox, R.
  1987; 138 (6): 1724-1729

- **T-CELL RECEPTOR-CD3 COMPLEX DURING EARLY T-CELL DIFFERENTIATION - ANALYSIS OF IMMATURE T-CELL ACUTE LYMPHOBLASTIC LEUKEMIAS (T-ALL) AT DNA, RNA, AND CELL-MEMBRANE LEVEL** *JOURNAL OF IMMUNOLOGY*
  VANDONGEN, J. J., Quertermous, T., Bartram, C. R., Gold, D. P., WOLVERSTETTERO, I. L., COMANSBITTER, W. M., Hooijkaas, H., Adriaansen, H. J., DEKLEIN, A., Raghavachar, A., Ganser, A., DUBY, A. D., Seidman, et al

1987; 138 (4): 1260-1269

- **IMMUNOGLOBULIN AND T-CELL RECEPTOR GENE REARRANGEMENT AND EXPRESSION IN HUMAN LYMPHOID LEUKEMIA-CELLS AT DIFFERENT STAGES OF MATURATION** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Davey, M. P., BONGIOVANNI, K. F., Kaulfersch, W., Quertermous, T., Seidman, J. G., Hershfield, M. S., Kurtzberg, J., HAYNES, B. F., DAVIS, M. M., Waldmann, T. A.
  1986; 83 (22): 8759-8763

- **HUMAN T-CELL GAMMA-CHAIN GENE REARRANGEMENTS IN ACUTE LYMPHOID AND NONLYMPHOID LEUKEMIA - COMPARISON WITH THE T-CELL RECEPTOR BETA-CHAIN GENE** *JOURNAL OF IMMUNOLOGY*
  Greenberg, J. M., Quertermous, T., Seidman, J. G., Kersey, J. H.
  1986; 137 (6): 2043-2049

- **HUMAN T-CELL GAMMA-GENES CONTAIN N-SEGMENTS AND HAVE MARKED JUNCTIONAL VARIABILITY** *NATURE*
  Quertermous, T., Strauss, W., Murre, C., Dialynas, D. P., STROMINGER, J. L., Seidman, J. G.
  1986; 322 (6075): 184-187

- **T-CELL RECEPTOR GENE REARRANGEMENTS DEFINE A MONOCLONAL T-CELL PROLIFERATION IN PATIENTS WITH T-CELL LYMPHOCYTOSIS AND CYTOPENIA** *BLOOD*
  Berliner, N., DUBY, A. D., Linch, D. C., Murre, C., Quertermous, T., KNOTT, L. J., AZIN, T., Newland, A. C., Lewis, D. L., Galvin, M. C., Seidman, J. G.
  1986; 67 (4): 914-918

- **CLONING AND SEQUENCE-ANALYSIS OF COMPLEMENTARY-DNA ENCODING AN ABERRANTLY REARRANGED HUMAN T-CELL GAMMA-CHAIN** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Dialynas, D. P., Murre, C., Quertermous, T., Boss, J. M., Leiden, J. M., Seidman, J. G., STROMINGER, J. L.
  1986; 83 (8): 2619-2623

- **SPECTRUM OF CONDITIONS INITIALLY SUGGESTING ACUTE AORTIC DISSECTION BUT WITH NEGATIVE AORTOGRAMS** *AMERICAN JOURNAL OF CARDIOLOGY*
  Eagle, K. A., Quertermous, T., KRITZER, G. A., Newell, J. B., Dinsmore, R., Feldman, L., DeSanctis, R. W.
  1986; 57 (4): 322-326

- **HUMAN T-CELL GAMMA-CHAIN GENES - ORGANIZATION, DIVERSITY, AND REARRANGEMENT** *SCIENCE*
  Quertermous, T., Murre, C., DIALYNAS, D., DUBY, A. D., STROMINGER, J. L., Waldman, T. A., Seidman, J. G.
  1986; 231 (4735): 252-255

- **PACEMAKER FAILURE RESULTING FROM RADIATION-DAMAGE** *RADIOLOGY*
  Quertermous, T., MEGAHY, M. S., DASGUPTA, D. S., Griem, M. L.
  1983; 148 (1): 257-258