



Euan A. Ashley

Associate Dean, School of Medicine, Professor of Medicine (Cardiovascular), of Genetics, of Biomedical Data Science and, by courtesy, of Pathology at the Stanford University Medical Center

Medicine - Cardiovascular Medicine

CLINICAL OFFICES

- **Cardiovascular Medicine**

300 Pasteur Dr Rm A265

MC 5319

Stanford, CA 94305

Tel (650) 736-7878

Fax (650) 498-7452

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Brooke Zelnik - Administrative Associate/Postdoctoral Coordinator

Email brookez@stanford.edu

Tel 650 725 1846

Bio

BIO

Born in Scotland, Dr. Ashley graduated with 1st class Honors in Physiology and Medicine from the University of Glasgow. He completed medical residency and a PhD in molecular physiology at the University of Oxford before moving to Stanford University where he trained in cardiology and advanced heart failure, joining the faculty in 2006. His group is focused on the science of precision medicine. In 2010, he led the team that carried out the first clinical interpretation of a human genome. The article became one of the most cited in clinical medicine that year and was later featured in the Genome Exhibition at the Smithsonian in DC. Over the following 3 years, the team extended the approach to the first whole genome molecular autopsy, to a family of four, and to a case series of patients in primary care. They now routinely apply genome sequencing to the diagnosis of patients at Stanford hospital where Dr Ashley directs the Clinical Genome Program and the Center for Inherited Cardiovascular Disease. Dr Ashley was the first co-chair of the steering committee of the NIH Undiagnosed Diseases Network. He was a recipient of the National Innovation Award from the American Heart Association and the NIH Director's New Innovator Award. He is part of the winning team of the \$75m One Brave Idea competition and co-founder of two genome scale genetic diagnostics companies: Personalis Inc (SPSNL) and Deepcell Inc. He was recognized by the Obama White House for his contributions to Personalized Medicine and in 2018 was awarded the American Heart Association Medal of Honor for Genomic and Precision Medicine. He was appointed Associate Dean in 2019. Father to three young Americans, in his 'spare' time, he tries to understand American football, plays the saxophone, and conducts research on the health benefits of single malt Scotch whisky.

CLINICAL FOCUS

- Cardiology
- Inherited cardiovascular disease
- Hypertrophic Cardiomyopathy
- Cardiomyopathy, Dilated
- Heart Failure
- Arrhythmogenic Right Ventricular Dysplasia
- Sports Cardiology
- Left ventricular non-compaction cardiomyopathy

- Genomic medicine
- Undiagnosed disease

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Medicine - Cardiovascular Medicine
- Professor - Med Center Line, Genetics
- Professor - Med Center Line, Biomedical Data Science
- Professor - Med Center Line (By courtesy), Pathology
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Co-Director, Stanford Center for Digital Health, (2017- present)
- Co-Director, Stanford Data Science Initiative, (2016- present)
- Co-chair, NIH Undiagnosed Diseases Network, (2014-2017)
- Director, Stanford Clinical Genomics Program, (2013- present)
- Founding Director, Stanford Center for Inherited Cardiovascular Disease, (2010- present)
- Co-Director, Stanford Research Training Program in Myocardial Biology (T32), (2010- present)
- Director, Stanford Cardiopulmonary Exercise Testing Laboratory, (2007- present)
- Co-chair, Cardiovascular Working Group, Clinical Genome Resource (Clingen), (2014-2016)
- Leadership committee, AHA Council on Functional Genomics and Translational Biology, (2009-2014)
- Member, Institute of Medicine Roundtable on Translating Genomic-based Research for Health, (2012-2015)

HONORS AND AWARDS

- Medal of Honor (Genomics and Precision Medicine), American Heart Association (2018)
- One Brave Idea, American Heart Association (2017)
- Fellow, Royal College of Physicians (London) (2017)
- Fellow, American Society of Clinical Investigation (2016)
- NIH Director's New Innovator Award, National Institutes of Health (2009)
- Faculty Scholar, Donald E. and Delia B. Baxter Foundation (2009)
- Fellow, American Heart Association (2009)
- Innovative Research Award, American Heart Association (2008)
- Career Development Award (K08), National Institutes of Health (2006)
- Western Affiliates Young Investigator Award, American Heart Association (2004)
- Cardiovascular Medicine Basic Science Award, Stanford University (2004)
- Young Investigator Award (Basic), Astra-Zeneca (2003)
- Young Investigator Prize in Cardiovascular Medicine, UK Medical Research Society (2002)
- Young Investigator Award, European Society of Cardiology (2002)

PROFESSIONAL EDUCATION

- Board Certification: Cardiology, Royal College of Physicians-U.K. (1999)

- Residency: University of Oxford (1996) UK
- Internship: University of Glasgow (1997) Scotland
- Medical Education: University of Glasgow (1996) Scotland
- Fellowship: University of Oxford (2002) UK
- Fellowship: Stanford University Medical Center (2006) CA
- DPhil, University of Oxford , Molecular Cardiology (2002)
- MRCP (UK), Royal College of Physicians (UK) , Medicine (1999)
- MB ChB, University of Glasgow , Medicine (1996)
- BSc (Hons), University of Glasgow , Physiology (1993)

COMMUNITY AND INTERNATIONAL WORK

- Arbor Free Cardiology Clinic

PATENTS

- Ashley EA, Quertermous T, Grube E. "United States Patent 12,074,964 Developing biologically active agents that modulate activity of restenosis target gene, comprises combining candidate biologically active agent, and determining the effect of agent on restenosis associated molecular and cellular changes", The Board of Trustees of the Leland Stanford Junior University, Mar 7, 2008
- Ashley EA, Chen MM, Quertermous T. "United States Patent 11,985,460 Apelin and uses thereof", The Board of Trustees of the Leland Stanford Junior University, Nov 14, 2007
- Vailaya A, Kuchinsky A, King JY, Ferrara R, Quertermous T, Vairaya A, Ashley IA, Katermas T, Ashley EA. "United States Patent 10,641,492 Significant molecules identification method for biological network used in disease analysis, involves calculating connectivity score for molecule represented by identified node based on significance scores of each node", Agilent Technologies, Inc., Jul 26, 2007
- Deng D, Tsalenko A, Ben-Dor A, Yakhini ZH, Quertermous T, Ashley EA, Yang E, Tabibiazar R, Tsao P. "United States Patent 11,412,437 New composition comprising a targeting agent that is conjugated to a functional moiety and that selectively binds to a polypeptide encoded by a DEA gene, useful in treating or preventing atherosclerosis", Agilent Technologies, Inc., Apr 27, 2006
- Ben-Dor A, Bruhn L, Deng D, Tsalenko A, Ashley EA, Chen MC, Quertermous T, Yakhini Z, Chen MM, Deng DX. "United States Patent 7,947,280 New composition having a targeting agent selectively binding to a polypeptide encoded by an upregulated-in-recovery (UIR) or downregulated-in-recovery (DIR) gene, useful for diagnosing, preventing and/or treating heart failure", The Board of Trustees of the Leland Stanford Junior University, Jul 14, 2005

LINKS

- Ashley Lab website: <http://ashleylab.stanford.edu>
- Stanford Center for Inherited Cardiovascular Disease: <http://familyheart.stanford.edu>
- How I got from there to here, I think.: <https://ashleylab.stanford.edu/sites/default/files/euan-ashley-how-i-got-from-there-to-here-i-think.pdf>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The Ashley lab is focused on precision medicine. We develop methods for the interpretation of whole genome sequencing data to improve diagnosis of genetic disease and to personalize the practice of medicine. We love big data questions and are obsessed with systems approaches to biology especially analysis of network graphs.

The wet bench is where we test causality of key genes and investigate the biology of network modules. It is also the focus of our translational efforts. Therapeutic development is a near term goal and several of our discoveries are the focus of patents or are being actively pursued by pharmaceutical and biotechnology partners.

CLINICAL TRIALS

- Clinical and Genetic Evaluation of Individuals With Undiagnosed Disorders Through the Undiagnosed Diseases Network, Recruiting
- DCM Precision Medicine Study, Recruiting
- Exercise Study Including Patients With Hypertrophic Cardiomyopathy, Recruiting

- MyHeart Counts Cardiovascular Health Study, Recruiting
- Effect of Eleclazine (GS-6615) on Exercise Capacity in Subjects With Symptomatic Hypertrophic Cardiomyopathy, Not Recruiting
- Exercise in Genetic Cardiovascular Conditions, Not Recruiting
- Open-Label Study of Perhexiline in Patients With Hypertrophic Cardiomyopathy and Moderate to Severe Heart Failure, Not Recruiting
- Personal Genomics for Preventive Cardiology, Not Recruiting
- Study of Exercise Training in Hypertrophic Cardiomyopathy, Not Recruiting
- Valsartan for Attenuating Disease Evolution In Early Sarcomeric HCM, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

John Gorzynski, Malene Lindholm, David Ouyang, Qianru Wang

Doctoral Dissertation Advisor (AC)

Hannah De Jong, John Gorzynski

Doctoral Dissertation Advisor (NonAC)

Liz Chin, Jessica Torres

Doctoral Dissertation Co-Advisor (NonAC)

Anna Shcherbina

Postdoctoral Research Mentor

Malene Lindholm, Jack O'Sullivan, David Ouyang, Maxime Tremblay-Gravel, Qianru Wang

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Informatics (Masters Program)
- Biomedical Informatics (Phd Program)
- Cardiothoracic Surgery (Fellowship Program)
- Cardiovascular Medicine (Fellowship Program)
- Genetics (Phd Program)
- Human Genetics and Genetic Counseling (Masters Program)
- Medical Genetics (Fellowship Program)
- Medicine (Masters Program)
- Molecular and Genetic Medicine (Fellowship Program)
- Pediatric Cardiology (Fellowship Program)
- Sports Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Allele-Specific Silencing Ameliorates Restrictive Cardiomyopathy Due to a Human Myosin Regulatory Light Chain Mutation.** *Circulation*
Zaleta-Rivera, K., Dainis, A., Ribeiro, A. J., Sanchez Cordero, P., Rubio, G., Shang, C., Liu, J., Finsterbach, T., Parikh, V. N., Sutton, S., Seo, K., Sinha, N., Jain, et al
2019

- **Rapid Genome Sequencing in the Critically Ill** *CLINICAL CHEMISTRY*
Buchan, J. G., White, S., Joshi, R., Ashley, E. A.
2019; 65 (6): 723–26
- **Targeted Long-Read RNA Sequencing Demonstrates Transcriptional Diversity Driven by Splice-Site Variation in MYBPC3.** *Circulation. Genomic and precision medicine*
Dainis, A., Tseng, E., Clark, T. A., Hon, T., Wheeler, M., Ashley, E.
2019; 12 (5): e002464
- **Physical activity, sleep and cardiovascular health data for 50,000 individuals from the MyHeart Counts Study** *SCIENTIFIC DATA*
Hershman, S. G., Bot, B. M., Shcherbina, A., Doerr, M., Moayeddi, Y., Pavlovic, A., Waggott, D., Cho, M. K., Rosenberger, M. E., Haskell, W. L., Myers, J., Champagne, M., Mignot, et al
2019; 6
- **Identification of rare-disease genes using blood transcriptome sequencing and large control cohorts.** *Nature medicine*
Frésard, L., Smail, C., Ferraro, N. M., Teran, N. A., Li, X., Smith, K. S., Bonner, D., Kernohan, K. D., Marwaha, S., Zappala, Z., Balliu, B., Davis, J. R., Liu, et al
2019
- **Weakly supervised classification of rare aortic valve malformations using unlabeled cardiac MRI sequences** *Nature Communications*
Fries, J. A., Varma, P., Chen, V. S., Xiao, K., Tejada, H., Saha, P., Dunmon, J., Chubb, H., Maskatia, S., Fiterau, M., Delp, S., Ashley, E., Ré, et al
2019; 10
- **Pathologic gene network rewiring implicates PPP1R3A as a central regulator in pressure overload heart failure.** *Nature communications*
Cordero, P., Parikh, V. N., Chin, E. T., Erbilgin, A., Gloudemans, M. J., Shang, C., Huang, Y., Chang, A. C., Smith, K. S., Dewey, F., Zaleta, K., Morley, M., Brandimarto, et al
2019; 10 (1): 2760
- **Cardiovascular disease: The rise of the genetic risk score** *PLOS MEDICINE*
Knowles, J. W., Ashley, E. A.
2018; 15 (3): e1002546
- **Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease.** *The New England journal of medicine*
Splinter, K., Adams, D. R., Bacino, C. A., Bellen, H. J., Bernstein, J. A., Cheatle-Jarvela, A. M., Eng, C. M., Esteves, C., Gahl, W. A., Hamid, R., Jacob, H. J., Kikani, B., Koeller, et al
2018
- **Effect of Moderate-Intensity Exercise Training on Peak Oxygen Consumption in Patients With Hypertrophic Cardiomyopathy A Randomized Clinical Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Saberli, S., Wheeler, M., Bragg-Gresham, J., Hornsby, W., Agarwal, P. P., Attili, A., Concannon, M., Dries, A. M., Shmargad, Y., Salisbury, H., Kumar, S., Herrera, J., Myers, et al
2017; 317 (13): 1349-1357
- **The Changing Face of Informed Consent** *NEW ENGLAND JOURNAL OF MEDICINE*
Grady, C., Cummings, S. R., Rowbotham, M. C., McConnell, M. V., Ashley, E. A., Kang, G.
2017; 376 (9): 856-867
- **Feasibility of Obtaining Measures of Lifestyle From a Smartphone App: The MyHeart Counts Cardiovascular Health Study.** *JAMA cardiology*
McConnell, M. V., Shcherbina, A., Pavlovic, A., Homburger, J. R., Goldfeder, R. L., Waggot, D., Cho, M. K., Rosenberger, M. E., Haskell, W. L., Myers, J., Champagne, M. A., Mignot, E., Landray, et al
2017; 2 (1): 67-76
- **Long-read genome sequencing identifies causal structural variation in a Mendelian disease.** *Genetics in medicine : official journal of the American College of Medical Genetics*
Merker, J. D., Wenger, A. M., Sneddon, T., Grove, M., Zappala, Z., Frésard, L., Waggott, D., Utiramerur, S., Hou, Y., Smith, K. S., Montgomery, S. B., Wheeler, M., Buchan, et al
2017
- **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

- **Towards precision medicine.** *Nature reviews. Genetics*
Ashley, E. A.
2016; 17 (9): 507-522
- **Multidimensional structure-function relationships in human beta-cardiac myosin from population-scale genetic variation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Homburger, J. R., Green, E. M., Caleshu, C., Sunitha, M. S., Taylor, R. E., Ruppel, K. M., Metpally, R. P., Colan, S. D., Michels, M., Day, S. M., Olivotto, I., Bustamante, C. D., Dewey, et al
2016; 113 (24): 6701-6706
- **The Undiagnosed Diseases Network of the National Institutes of Health A National Extension** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Gahl, W. A., Wise, A. L., Ashley, E. A.
2015; 314 (17): 1797-1798
- **The precision medicine initiative: a new national effort.** *JAMA*
Ashley, E. A.
2015; 313 (21): 2119-20
- **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-?
- **Molecular diagnosis of long QT syndrome at 10 days of life by rapid whole genome sequencing.** *Heart rhythm*
Priest, J. R., Ceresnak, S. R., Dewey, F. E., Malloy-Walton, L. E., Dunn, K., Grove, M. E., Perez, M. V., Maeda, K., Dubin, A. M., Ashley, E. A.
2014; 11 (10): 1707-1713
- **Guidelines for investigating causality of sequence variants in human disease** *NATURE*
MacArthur, D. G., Manolio, T. A., Dimmock, D. P., Rehm, H. L., Shendure, J., Abecasis, G. R., Adams, D. R., Altman, R. B., Antonarakis, S. E., Ashley, E. A., Barrett, J. C., Biesecker, L. G., Conrad, et al
2014; 508 (7497): 469-476
- **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
- **Clinical assessment incorporating a personal genome** *LANCET*
Ashley, E. A., Butte, A. J., Wheeler, M. T., Chen, R., Klein, T. E., Dewey, F. E., Dudley, J. T., Ormond, K. E., Pavlovic, A., Morgan, A. A., Pushkarev, D., Neff, N. F., Hudgins, et al
2010; 375 (9725): 1525-1535
- **Yield of whole exome sequencing in undiagnosed patients facing insurance coverage barriers to genetic testing.** *Journal of genetic counseling*
Reuter, C. M., Kohler, J. N., Bonner, D., Zastrow, D., Fernandez, L., Dries, A., Marwaha, S., Davidson, J., Brokamp, E., Herzog, M., Hong, J., Macnamara, E., Rosenfeld, et al
2019
- **Extracutaneous manifestations in phacomatosis cesioflammea and cesiomarmorata: Case series and literature review** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Kumar, A., Zastrow, D. B., Kravets, E. J., Belefond, D., Ruzhnikov, M. Z., Grove, M. E., Dries, A. M., Kohler, J. N., Waggott, D. M., Yang, Y., Huang, Y., Mackenzie, K. M., Eng, et al
2019; 179 (6): 966-77
- **Comparison of QT Interval Measurement Methods and Correction Formulas in Atrial Fibrillation** *AMERICAN JOURNAL OF CARDIOLOGY*
Tooley, J., Ouyang, D., Hadley, D., Turakhia, M., Wang, P., Ashley, E., Froelicher, V., Perez, M.
2019; 123 (11): 1822-27
- **A Patient with Sjogren's Syndrome and Subsequent Diagnosis of Inclusion Body Myositis and Light-Chain Amyloidosis** *JOURNAL OF GENERAL INTERNAL MEDICINE*
Hom, J., Marwaha, S., Postolova, A., Kittle, J., Vasquez, R., Davidson, J., Kohler, J., Dries, A., Fernandez-Betancourt, L., Majcherska, M., Dearlove, J., Raghavan, S., Vogel, et al

2019; 34 (6): 1058–62

- **Blood pressure in athletic preparticipation evaluation and the implication for cardiac remodelling.** *Heart (British Cardiac Society)*
Hedman, K., Moneghetti, K. J., Christle, J. W., Bagherzadeh, S. P., Amsallem, M., Ashley, E., Froelicher, V., Haddad, F.
2019
- **Athletic Remodeling in Female College Athletes: The "Morganroth Hypothesis" Revisited** *CLINICAL JOURNAL OF SPORT MEDICINE*
Kooreman, Z., Giraldeau, G., Finocchiaro, G., Kobayashi, Y., Wheeler, M., Perez, M., Moneghetti, K., Oxborough, D., George, K. P., Myers, J., Ashley, E., Haddad, F.
2019; 29 (3): 224–31
- **Physical activity, sleep and cardiovascular health data for 50,000 individuals from the MyHeart Counts Study.** *Scientific data*
Hershman, S. G., Bot, B. M., Shcherbina, A., Doerr, M., Moayedi, Y., Pavlovic, A., Waggott, D., Cho, M. K., Rosenberger, M. E., Haskell, W. L., Myers, J., Champagne, M. A., Mignot, et al
2019; 6 (1): 24
- **Developing a genomics rotation: Practical training around variant interpretation for genetic counseling students** *JOURNAL OF GENETIC COUNSELING*
Grove, M. E., White, S., Fisk, D. G., Rego, S., Dagan-Rosenfeld, O., Kohler, J. N., Reuter, C. M., Bonner, D., Wheeler, M. T., Bernstein, J. A., Ormond, K. E., Hanson-Kahn, A. K., Undiagnosed Dis Network
2019; 28 (2): 466–76
- **PHACOMATOSIS PIGMENTOVASCULARIS AND EXTRACUTANEOUS MANIFESTATIONS: CASE SERIES, LITERATURE REVIEW AND CONSIDERATIONS FOR MANAGEMENT**
Kumar, A., Zastrow, D. B., Belefond, D., Ruzhnikov, M. Z., Grove, M. E., Dries, A. M., Kohler, J. N., Waggott, D. M., Yang, Y., Huang, Y., Mackenzie, K. M., Eng, C. M., Fisher, et al
WILEY.2019: 718–19
- **A toolkit for genetics providers in follow-up of patients with non-diagnostic exome sequencing** *JOURNAL OF GENETIC COUNSELING*
Zastrow, D. B., Kohler, J. N., Bonner, D., Reuter, C. M., Fernandez, L., Grove, M. E., Fisk, D. G., Yang, Y., Eng, C. M., Ward, P. A., Bick, D., Worthey, E. A., Fisher, et al
2019; 28 (2): 213–28
- **Targeting ferroptosis: A novel therapeutic strategy for the treatment of mitochondrial disease-related epilepsy** *PLOS ONE*
Kahn-Kirby, A. H., Amagata, A., Maeder, C. I., Mei, J. J., Sideris, S., Kosaka, Y., Hinman, A., Malone, S. A., Bruegger, J. J., Wang, L., Kim, V., Shrader, W. D., Hoff, et al
2019; 14 (3)
- **Extracutaneous manifestations in phacomatosis cesioflammea and cesiomarmorata: Case series and literature review.** *American journal of medical genetics. Part A*
Kumar, A., Zastrow, D. B., Kravets, E. J., Belefond, D., Ruzhnikov, M. R., Grove, M. E., Dries, A. M., Kohler, J. N., Waggott, D. M., Yang, Y., Huang, Y., Undiagnosed Diseases Network, Mackenzie, K. M., et al
2019
- **Response by Ho et al to Letter Regarding Article, "Genotype and Lifetime Burden of Disease in Hypertrophic Cardiomyopathy: Insights From the Sarcomeric Human Cardiomyopathy Registry (SHaRe)".** *Circulation*
Ho, C. Y., Day, S. M., Ashley, E. A., Michels, M., Pereira, A. C., Jacoby, D., Lakdawala, N. K., Ware, J. S., Helms, A. S., Colan, S. D., Seidman, C. E., Olivotto, I., SHaRe Investigators
2019; 139 (12): 1559–60
- **Comparison of QT Interval Measurement Methods and Correction Formulas in Atrial Fibrillation.** *The American journal of cardiology*
Tooley, J., Ouyang, D., Hadley, D., Turakhia, M., Wang, P., Ashley, E., Froelicher, V., Perez, M.
2019
- **COMPARISON OF UNITED STATES AND EUROPEAN CRITERIA FOR HYPERTENSION IN A LARGE COHORT OF COMPETITIVE ATHLETES EXAMINED AS PART OF PRE-PARTICIPATION EVALUATION**
Hedman, K., Moneghetti, K., Christle, J. W., Bagherzadeh, S. P., Haddad, F., Ashley, E. A., Froelicher, V.
ELSEVIER SCIENCE INC.2019: 446
- **INDEPENDENT PROGNOSTIC VALUES OF CLINICAL RISK SCORES, RIGHT VENTRICULAR SYSTOLIC PRESSURE, AND N-TERMINAL PRO-B-TYPE PEPTIDE IN HEART FAILURE WITH PRESERVED EJECTION FRACTION: INSIGHTS FROM SUPERVISED AND UNSUPERVISED MODELS**

- Tremblay-Gravel, M., Kobayashi, Y., Boralkar, K., Li, X., Bouajila, S., Nishi, T., Amsallem, M., Moneghetti, K., Selej, M., Ozen, M., Demirci, U., Ashley, E. A., Wheeler, et al
ELSEVIER SCIENCE INC.2019: 718
- **NOVEL ALPHA-ACTININ 2 MUTATIONS ARE ASSOCIATED WITH CARDIOMYOPATHY AND HYPERTROPHY IN HUMAN CARDIAC TISSUE AND IPSC-DERIVED CARDIOMYOCYTES**
Lindholm, M., Zhu, H., Huang, Y., Ashley, E. A., Wheeler, M.
ELSEVIER SCIENCE INC.2019: 1027
 - **RESTING BLOOD PRESSURE IN 2881 ATHLETES AGED 9-35 YEARS OF AGE AND THE RELATION TO SEX, AGE, BODY SIZE, AND AFRO-AMERICAN DESCENT**
Bagherzadeh, S. P., Hedman, K., Christle, J. W., Moneghetti, K., Ashley, E. A., Haddad, F., Froelicher, V.
ELSEVIER SCIENCE INC.2019: 447
 - **Rapid Genome Sequencing in the Critically Ill.** *Clinical chemistry*
Buchan, J. G., White, S., Joshi, R., Ashley, E. A.
2019
 - **Loss of function, missense, and intronic variants in NOTCH1 confer different risks for left ventricular outflow tract obstructive heart defects in two European cohorts** *GENETIC EPIDEMIOLOGY*
Helle, E., Cordova-Palomera, A., Ojala, T., Saha, P., Potiny, P., Gustafsson, S., Ingelsson, E., Bamshad, M., Nickerson, D., Chong, J. X., Ashley, E., Priest, J. R., Univ Washington Ctr Mendelia
2019; 43 (2): 215–26
 - **Time based versus strain based myocardial performance indices in hypertrophic cardiomyopathy, the merging role of left atrial strain** *EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING*
Kobayashi, Y., Moneghetti, K. J., Bouajila, S., Stolfo, D., Finocchiaro, G., Kuznetsova, T., Liang, D., Schnittger, I., Ashley, E., Wheeler, M., Haddad, F.
2019; 20 (3): 334–42
 - **Regional Variation in RBM20 Causes a Highly Penetrant Arrhythmogenic Cardiomyopathy.** *Circulation. Heart failure*
Parikh, V. N., Caleshu, C., Reuter, C., Lazzeroni, L. C., Ingles, J., Garcia, J., McCaleb, K., Adesiyun, T., Sedaghat-Hamedani, F., Kumar, S., Graw, S., Gigli, M., Stolfo, et al
2019; 12 (3): e005371
 - **Regional Variation in RBM20 Causes a Highly Penetrant Arrhythmogenic Cardiomyopathy** *CIRCULATION-HEART FAILURE*
Parikh, V. N., Caleshu, C., Reuter, C., Lazzeroni, L. C., Ingles, J., Garcia, J., McCaleb, K., Adesiyun, T., Sedaghat-Hamedani, F., Kumar, S., Graw, S., Gigli, M., Stolfo, et al
2019; 12 (3)
 - **Quantitative approaches to variant classification increase the yield and precision of genetic testing in Mendelian diseases: the case of hypertrophic cardiomyopathy.** *Genome medicine*
Walsh, R., Mazzarotto, F., Whiffin, N., Buchan, R., Midwinter, W., Wilk, A., Li, N., Felkin, L., Ingold, N., Govind, R., Ahmad, M., Mazaika, E., Allouba, et al
2019; 11 (1): 5
 - **Approaching Higher Dimension Imaging Data Using Cluster-Based Hierarchical Modeling in Patients with Heart Failure Preserved Ejection Fraction.** *Scientific reports*
Kobayashi, Y., Tremblay-Gravel, M., Boralkar, K. A., Li, X., Nishi, T., Amsallem, M., Moneghetti, K. J., Bouajila, S., Selej, M., Ozen, M. O., Demirci, U., Ashley, E., Wheeler, et al
2019; 9 (1): 10431
 - **A novel noninvasive method for remote heart failure monitoring: the EuleriAn video Magnification apPLications In heart Failure studyY (AMPLIFY).** *NPJ digital medicine*
Abnoui, F., Kang, G., Giacomini, J., Yeung, A., Zarafshar, S., Vesom, N., Ashley, E., Harrington, R., Yong, C.
2019; 2: 80
 - **Cardiopulmonary Exercise Testing, Impedance Cardiography and Reclassification of Risk in Patients Referred for Heart Failure Evaluation.** *Journal of cardiac failure*
Myers, J., Christle, J. W., Tun, A., Yilmaz, B., Moneghetti, K. J., Yuen, E., Soofi, M., Ashley, E.
2019
 - **Genomics in medicine: a novel elective rotation for internal medicine residents.** *Postgraduate medical journal*
Geng, L. N., Kohler, J. N., Levonian, P., Bernstein, J. A., Ford, J. M., Ahuja, N., Witteles, R., Hom, J., Wheeler, M.

2019

- **Personalized prediction of adverse heart and kidney events using baseline and longitudinal data from SPRINT and ACCORD.** *PloS one*
Dinstag, G., Amar, D., Ingelsson, E., Ashley, E., Shamir, R.
2019; 14 (8): e0219728
- **IL6ST RELATED IMMUNODEFICIENCY DISORDER: A CASE REPORT AND REVIEW OF LITERATURE**
Velez-Bartolomei, F., Zastrow, D., McCormack, C., Kohler, J., Ud, N., Fisher, P., Ashley, E., Wheeler, M., Bernstein, J.
BMJ PUBLISHING GROUP.2019: 208
- **DNASE1L3 RELATED AUTOIMMUNE SYNDROME: A CASE REPORT AND REVIEW OF THE LITERATURE**
Schymick, J., Bonner, D., Majcherska, M., McCormack, C., Fresard, L., Smith, K., Montgomery, S., Fisher, P., Ashley, E., Ud, N., Maller, J., Hsu, J., Balboni, et al
BMJ PUBLISHING GROUP.2019: 80–81
- **Athletic Remodeling in Female College Athletes: The "Morganroth Hypothesis" Revisited.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
Kooreman, Z., Giraldeau, G., Finocchiaro, G., Kobayashi, Y., Wheeler, M., Perez, M., Moneghetti, K., Oxborough, D., George, K. P., Myers, J., Ashley, E., Haddad, F.
2019; 29 (3): 224–31
- **A toolkit for genetics providers in follow-up of patients with non-diagnostic exome sequencing.** *Journal of genetic counseling*
Zastrow, D. B., Kohler, J. N., Bonner, D., Reuter, C. M., Fernandez, L., Grove, M. E., Fisk, D. G., Yang, Y., Eng, C. M., Ward, P. A., Bick, D., Worthey, E. A., Fisher, et al
2019; 28 (2): 213–28
- **Targeting ferroptosis: A novel therapeutic strategy for the treatment of mitochondrial disease-related epilepsy.** *PloS one*
Kahn-Kirby, A. H., Amagata, A., Maeder, C. I., Mei, J. J., Sideris, S., Kosaka, Y., Hinman, A., Malone, S. A., Bruegger, J. J., Wang, L., Kim, V., Shrader, W. D., Hoff, et al
2019; 14 (3): e0214250
- **A Patient with Sjogren's Syndrome and Subsequent Diagnosis of Inclusion Body Myositis and Light-Chain Amyloidosis.** *Journal of general internal medicine*
Hom, J., Marwaha, S., Postolova, A., Kittle, J., Vasquez, R., Davidson, J., Kohler, J., Dries, A., Fernandez-Betancourt, L., Majcherska, M., Dearlove, J., Raghavan, S., Vogel, et al
2019
- **Defining genotype-phenotype relationships in patients with hypertrophic cardiomyopathy using cardiovascular magnetic resonance imaging.** *PloS one*
Miller, R. J., Heidary, S., Pavlovic, A., Schlachter, A., Dash, R., Fleischmann, D., Ashley, E. A., Wheeler, M. T., Yang, P. C.
2019; 14 (6): e0217612
- **Developing a genomics rotation: Practical training around variant interpretation for genetic counseling students.** *Journal of genetic counseling*
Grove, M. E., White, S., Fisk, D. G., Rego, S., Dagan-Rosenfeld, O., Kohler, J. N., Reuter, C. M., Bonner, D., Wheeler, M. T., Bernstein, J. A., Ormond, K. E., Hanson-Kahn, A. K.
2019
- **The Myheart Counts Cardiovascular Health Study: A Randomized Controlled Trial of Digital Health Coaching for Physical Activity Promotion**
Shcherbina, A., Hershman, S., King, A. C., Hekler, E., Pavlovic, A., Waggott, D., McConnell, M. V., Ashley, E. A., Harrington, R. A.
LIPPINCOTT WILLIAMS & WILKINS.2018: E767
- **Loss of function, missense, and intronic variants in NOTCH1 confer different risks for left ventricular outflow tract obstructive heart defects in two European cohorts.** *Genetic epidemiology*
Helle, E., Cordova-Palomera, A., Ojala, T., Saha, P., Potiny, P., Gustafsson, S., Ingelsson, E., Bamshad, M., Nickerson, D., Chong, J. X., University of Washington Center for Mendelian Genomics, Ashley, E., Priest, J. R.
2018
- **Genotype and Lifetime Burden of Disease in Hypertrophic Cardiomyopathy: Insights From the Sarcomeric Human Cardiomyopathy Registry (SHaRe) CIRCULATION**
Ho, C. Y., Day, S. M., Ashley, E. A., Michels, M., Pereira, A. C., Jacoby, D., Cirino, A. L., Fox, J. C., Lakdawala, N. K., Ware, J. S., Caleshu, C. A., Helms, A. S., Colan, et al
2018; 138 (14): 1387–98

- **A Premature Termination Codon Mutation in MYBPC3 Causes Hypertrophic Cardiomyopathy via Chronic Activation of Nonsense-Mediated Decay.** *Circulation*
Seeger, T., Shrestha, R., Lam, C. K., Chen, C., McKeithan, W. L., Lau, E., Wnorowski, A., McMullen, G., Greenhaw, M., Lee, J., Oikonomopoulos, A., Lee, S., Yang, et al
2018
- **Incident Atrial Fibrillation Is Associated With MYH7 Sarcomeric Gene Variation in Hypertrophic Cardiomyopathy.** *Circulation. Heart failure*
Lee, S., Ashley, E. A., Homburger, J., Caleshu, C., Green, E. M., Jacoby, D., Colan, S. D., Arteaga-Fernandez, E., Day, S. M., Girolami, F., Olivotto, I., Michels, M., Ho, et al
2018; 11 (9): e005191
- **Telomere shortening is a hallmark of genetic cardiomyopathies.** *Proceedings of the National Academy of Sciences of the United States of America*
Chang, A. C., Chang, A. C., Kirillova, A., Sasagawa, K., Su, W., Weber, G., Lin, J., Termglinchan, V., Karakikes, I., Seeger, T., Dainis, A. M., Hinson, J. T., Seidman, et al
2018
- **Prevalence and Progression of Late Gadolinium Enhancement in Children and Adolescents With Hypertrophic Cardiomyopathy** *CIRCULATION*
Raja, A., Farhad, H., Valente, A., Couce, J., Jefferies, J., Bundgaard, H., Zahka, K., Lever, H., Murphy, A. M., Ashley, E., Day, S. M., Sherrid, M. V., Shi, et al
2018; 138 (8): 782–92
- **What's in a Name? Factors That Influence the Usage of Generic Versus Trade Names for Cardiac Medications Among Healthcare Providers** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*
Ouyang, D., Tisdale, R., Cheng, P., Chi, J., Chen, J. H., Ashley, E.
2018; 11 (8)
- **Serial echo-cardiopulmonary exercise test ramping for evaluation of patients with VAD**
Christle, J. W., Moneghetti, K., Haddad, F., Myers, J., Ashley, E. A., Wheeler, M., Banerjee, D.
OXFORD UNIV PRESS.2018: 386
- **Time based versus strain based myocardial performance indices in hypertrophic cardiomyopathy, the merging role of left atrial strain.** *European heart journal cardiovascular Imaging*
Kobayashi, Y., Moneghetti, K. J., Bouajila, S., Stolfo, D., Finocchiaro, G., Kuznetsova, T., Liang, D., Schnittger, I., Ashley, E., Wheeler, M., Haddad, F.
2018
- **Genome Sequencing in Hypertrophic Cardiomyopathy.** *Journal of the American College of Cardiology*
Ashley, E. A., Reuter, C. M., Wheeler, M. T.
2018; 72 (4): 430–33
- **Applying current normative data to prognosis in heart failure: The Fitness Registry and the Importance of Exercise National Database (FRIEND)** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Moneghetti, K. J., Hock, J., Kaminsky, L., Arena, R., Lui, G. K., Haddad, F., Wheeler, M., Froelicher, V., Ashley, E., Myers, J., Christle, J. W.
2018; 263: 75–79
- **Mobile Health Advances in Physical Activity, Fitness, and Atrial Fibrillation Moving Hearts** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
McConnell, M. V., Turakhia, M. P., Harrington, R. A., King, A. C., Ashley, E. A.
2018; 71 (23): 2691–2701
- **Artificial Intelligence in Cardiology** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Johnson, K. W., Soto, J., Glicksberg, B. S., Shameer, K., Miotto, R., Ali, M., Ashley, E., Dudley, J. T.
2018; 71 (23): 2668–79
- **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
- **Acetaminophen or Tylenol? A Retrospective Analysis of Medication Digital Communication Practices.** *Journal of general internal medicine*
Ouyang, D., Tisdale, R., Ashley, E., Chi, J., Chen, J. H.
2018

- **Right Ventricular Structure and Function in the Veteran Ultramarathon Runner: Is There Evidence for Chronic Maladaptation?** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*
Rothwell, O., George, K., Somauroo, J., Lord, R., Stemberge, M., Shave, R., Hoffman, M. D., Wilson, M., Ashley, E., Haddad, F., Eijsvogels, T. H., Oxborough, D.
2018; 31 (5): 598-+
- **A reference equation for maximal aerobic power for treadmill and cycle ergometer exercise testing: Analysis from the FRIEND registry** *EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY*
de Souza e Silva, C. G., Kaminsky, L. A., Arena, R., Christle, J. W., Araujo, C. S., Lima, R. M., Ashley, E. A., Myers, J.
2018; 25 (7): 742-50
- **Biological Insights Into Muscular Strength: Genetic Findings in the UK Biobank** *SCIENTIFIC REPORTS*
Tikkanen, E., Gustafsson, S., Amar, D., Shcherbina, A., Waggott, D., Ashley, E. A., Ingelsson, E.
2018; 8: 6451
- **Medical relevance of protein-truncating variants across 337,205 individuals in the UK Biobank study** *NATURE COMMUNICATIONS*
DeBoever, C., Tanigawa, Y., Lindholm, M. E., McInnes, G., Lavertu, A., Ingelsson, E., Chang, C., Ashley, E. A., Bustamante, C. D., Daly, M. J., Rivas, M. A.
2018; 9: 1612
- **Large Q and S waves in lead III on the electrocardiogram distinguish patients with hypertrophic cardiomyopathy from athletes.** *Heart (British Cardiac Society)*
Chen, A. S., Bent, R. E., Wheeler, M., Knowles, J. W., Haddad, F., Froelicher, V., Ashley, E., Perez, M. V.
2018
- **Cardiovascular Precision Medicine in the Genomics Era.** *JACC. Basic to translational science*
Dainis, A. M., Ashley, E. A.
2018; 3 (2): 313-26
- **MEDICATION COMMUNICATION PRACTICES BETWEEN PROVIDERS IN CARDIOLOGY**
Tisdale, R., Ouyang, D., Cheng, P., Chi, J., Chen, J., Ashley, E.
ELSEVIER SCIENCE INC.2018: 2644
- **INTEGRATING CORRELATION BASED NETWORKS INTO RISK PROGNOSTICATION OF CARDIOMYOPATHY**
Moneghetti, K., Kim, J., Kobayashi, Y., Boralkar, K., Wheeler, M., Ashley, E., Haddad, F.
ELSEVIER SCIENCE INC.2018: 837
- **Biallelic Mutations in ATP5F1D, which Encodes a Subunit of ATP Synthase, Cause a Metabolic Disorder** *AMERICAN JOURNAL OF HUMAN GENETICS*
Olahova, M., Yoon, W., Thompson, K., Jangam, S., Fernandez, L., Davidson, J. M., Kyle, J. E., Grove, M. E., Fisk, D. G., Kohler, J. N., Holmes, M., Dries, A. M., Huang, et al
2018; 102 (3): 494-504
- **Genetic Reduction in Left Ventricular Protein Kinase C-alpha and Adverse Ventricular Remodeling in Human Subjects** *CIRCULATION-CARDIOVASCULAR GENETICS*
Hu, R., Morley, M. P., Brandimarto, J., Tucker, N. R., Parsons, V. A., Zhao, S. D., Meder, B., Katus, H. A., Ruehle, F., Stoll, M., Villard, E., Cambien, F., Lin, et al
2018; 11 (3): e001901
- **Ring Finger Protein 207 Degrades T613M Kv11.1 Channel**
Ledford, H. A., Park, S., Sirish, P., Xu, W., Emigh, A. M., Timofeyev, V., Priest, J. R., Perez, M. V., Ashley, E. A., Yarov-Yarovoy, V., Zhang, X., Chiamvimonvat, N.
CELL PRESS.2018: 625A
- **A New Approach to Rare Diseases of Children: The Undiagnosed Diseases Network.** *The Journal of pediatrics*
Reuter, C. M., Brimble, E., DeFilippo, C., Dries, A. M., Enns, G. M., Ashley, E. A., Bernstein, J. A., Fisher, P. G., Wheeler, M. T.
2018
- **What's in a Name? Factors That Influence the Usage of Generic Versus Trade Names for Cardiac Medications Among Healthcare Providers.** *Circulation. Cardiovascular quality and outcomes*
Ouyang, D., Tisdale, R., Cheng, P., Chi, J., Chen, J. H., Ashley, E.
2018; 11 (8): e004704
- **PHACOMATOSIS PIGMENTOVASCULARIS: A CASE WITH SOMATIC MUTATION IN GNAQ AND ATYPICAL PHENOTYPIC FEATURES**

- Kumar, A., Zastrow, D., Prybol, C., Manning, M., Huang, Y., Fisher, P., Ashley, E., Teng, J., Wheeler, M., Bernstein, J.
BMJ PUBLISHING GROUP.2018: 202
- **Athletic Remodeling in Female College Athletes, the "Morganroth Hypothesis" Revisited.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
Kooreman, Z., Giraldeau, G., Finocchiaro, G., Kobayashi, Y., Wheeler, M., Perez, M., Moneghetti, K., Oxborough, D., George, K. P., Myers, J., Ashley, E., Haddad, F.
2018
 - **A method for determining exercise oscillatory ventilation in heart failure: Prognostic value and practical implications** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Vainshelboim, B., Amin, A., Christle, J. W., Hebbal, S., Ashley, E. A., Myers, J.
2017; 249: 287–91
 - **Impact of Demographic Features, Lifestyle, and Comorbidities on the Clinical Expression of Hypertrophic Cardiomyopathy** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
Finocchiaro, G., Magavem, E., Sinagra, G., Ashley, E., Papadakis, M., Tome-Esteban, M., Sharma, S., Olivotto, I.
2017; 6 (12)
 - **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
 - **Mind the Gap: Current Challenges and Future State of Heart Failure Care** *CANADIAN JOURNAL OF CARDIOLOGY*
McDonald, M. A., Ashley, E. A., Fedak, P. M., Hawkins, N., Januzzi, J. L., McMurray, J. V., Parikh, V. N., Rao, V., Svystonyuk, D., Teerlink, J. R., Virani, S.
2017; 33 (11): 1434–49
 - **Human Genome Sequencing at the Population Scale: A Primer on High-Throughput DNA Sequencing and Analysis** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Goldfeder, R. L., Wall, D. P., Khoury, M. J., Ioannidis, J. A., Ashley, E. A.
2017; 186 (8): 1000–1009
 - **Care in Specialized Centers and Data Sharing Increase Agreement in Hypertrophic Cardiomyopathy Genetic Test Interpretation** *CIRCULATION-CARDIOVASCULAR GENETICS*
Furqan, A., Arscott, P., Girolami, F., Cirino, A. L., Michels, M., Day, S. M., Olivotto, I., Ho, C. Y., Ashley, E., Green, E. M., Caleshu, C., SHaRe Consortium
2017; 10 (5)
 - **Report from the Annual Conference of the British Society of Echocardiography, November 2016, Queen Elizabeth II Conference Centre, London** *ECHO RESEARCH AND PRACTICE*
Steeds, R. P., Cowie, M. R., Rana, B. S., Chambers, J. B., Ray, S., Srinivasan, J., Schwarz, K., Neil, C. J., Scally, C., Horowitz, J. D., Frenneaux, M. P., Pislaru, C., Dawson, et al
2017; 4 (3): M1–M16
 - **Navigating Genetic and Phenotypic Uncertainty in Left Ventricular Noncompaction** *CIRCULATION-CARDIOVASCULAR GENETICS*
Rhee, J., Grove, M. E., Ashley, E. A.
2017; 10 (4)
 - **A comparison of methods for determining the ventilatory threshold: implications for surgical risk stratification** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Vainshelboim, B., Rao, S., Chan, K., Lima, R. M., Ashley, E. A., Myers, J.
2017; 64 (6): 634–642
 - **Accuracy in Wrist-Worn, Sensor-Based Measurements of Heart Rate and Energy Expenditure in a Diverse Cohort.** *Journal of personalized medicine*
Shcherbina, A., Mattsson, C. M., Waggott, D., Salisbury, H., Christle, J. W., Hastie, T., Wheeler, M. T., Ashley, E. A.
2017; 7 (2)
 - **Delivering Clinical Grade Sequencing and Genetic Test Interpretation for Cardiovascular Medicine.** *Circulation. Cardiovascular genetics*
Harper, A. R., Parikh, V. N., Goldfeder, R. L., Caleshu, C., Ashley, E. A.
2017; 10 (2)

- **Left atrial function and phenotypes in asymmetric hypertrophic cardiomyopathy.** *Echocardiography (Mount Kisco, N.Y.)*
Kobayashi, Y., Wheeler, M., Finocchiaro, G., Ariyama, M., Kobayashi, Y., Perez, M. V., Liang, D., Kuznetsova, T., Schnittger, I., Ashley, E., Haddad, F.
2017
- **Max: Analysis from the Fitness Registry and the Importance of Exercise National Database (FRIEND Registry).** *Progress in cardiovascular diseases*
Myers, J., Kaminsky, L. A., Lima, R., Christle, J., Ashley, E., Arena, R.
2017
- **INTERDISCIPLINARY PERIPARTUM CARE OF THE PATIENT WITH DIASTOLIC HEART FAILURE IN NON-OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY**
Beutner, K., Ashley, E., Wheeler, M., Parikh, V., Wheeler, L., Hoover, V., Platt, J., Salisbury, H., Johnson-Furlan, C., Nancy, R.
ELSEVIER SCIENCE INC.2017: 2118
- **ADDRESSING REFERENCE ECHOCARDIOGRAPHIC PARAMETERS IN ATHLETIC SCREENING: A COLLEGE FOOTBALL-BASED STUDY FOCUSING ON THE IMPLICATIONS OF RACE AND CORRECTION FOR BODY COMPOSITION**
Moneghetti, K., Singh, T., Kooreman, Z., Christle, J., Froelicher, V., Wheeler, M., Ashley, E., Haddad, F.
ELSEVIER SCIENCE INC.2017: 1453
- **SYSTOLIC DYSFUNCTION WITHOUT LV DILATATION IN A COHORT OF PATIENTS WITH LAMIN A/C CARDIOMYOPATHY**
Parikh, V., Amsallem, M., Haddad, F., Ashley, E., Wheeler, M.
ELSEVIER SCIENCE INC.2017: 846
- **INTEGRATING MYOCARDIAL STRAIN AND EXERCISE PERFORMANCE INTO PROGNOSTICATION OF HYPERTROPHIC CARDIOMYOPATHY**
Moneghetti, K., Stolfo, D., Christle, J., Kobayashi, Y., Finocchiaro, G., Sinagra, G., Myers, J., Ashley, E., Haddad, F., Wheeler, M.
ELSEVIER SCIENCE INC.2017: 833
- **IDENTIFYING THE OPTIMAL ECHOCARDIOGRAPHIC VARIABLES TO PREDICT OUTCOME THROUGH CORRELATION MAPPING IN PATIENTS WITH DILATED CARDIOMYOPATHY**
Moneghetti, K., Kim, J., Giraldeau, G., Kobayashi, Y., Boralkar, K., Schnittger, I., Ashley, E., Wheeler, M., Haddad, F.
ELSEVIER SCIENCE INC.2017: 1535
- **Effect of lossy compression of quality scores on variant calling.** *Briefings in bioinformatics*
Ochoa, I., Hernaez, M., Goldfeder, R., Weissman, T., Ashley, E.
2017; 18 (2): 183-194
- **HapIso: An Accurate Method for the Haplotype-Specific Isoforms Reconstruction From Long Single-Molecule Reads** *IEEE TRANSACTIONS ON NANOBIOENGINEERING*
Mangul, S., Yang, T. (., Hormozdiari, F., Dainis, A. M., Tseng, E., Ashley, E. A., Zelikovsky, A., Eskin, E.
2017; 16 (2): 108-115
- **Effect of lossy compression of quality scores on variant calling** *BRIEFINGS IN BIOINFORMATICS*
Ochoa, I., Hernaez, M., Goldfeder, R., Weissman, T., Ashley, E.
2017; 18 (2): 183-194
- **Orexin: a Missing Link Between Sleep Disorders and Heart Failure?** *Current heart failure reports*
Pan, S., Cabral, C. S., Ashley, E. A., Perez, M. V.
2017
- **The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease** *AMERICAN JOURNAL OF HUMAN GENETICS*
Ramoni, R. B., Mulvihill, J. J., Adams, D. R., Allard, P., Ashley, E. A., Bernstein, J. A., Gahl, W. A., Hamid, R., Loscalzo, J., McCray, A. T., Shashi, V., Tift, C. J., Wise, et al
2017; 100 (2): 185-192
- **Next-Generation Sequencing in Cardiovascular Disease Present Clinical Applications and the Horizon of Precision Medicine** *CIRCULATION*
Parikh, V. N., Ashley, E. A.
2017; 135 (5): 406-9
- **in a patient with a complex connective tissue phenotype.** *Cold Spring Harbor molecular case studies*
Zastrow, D. B., Zornio, P. A., Dries, A., Kohler, J., Fernandez, L., Waggott, D., Walkiewicz, M., Eng, C. M., Manning, M. A., Farrelly, E., Fisher, P. G., Ashley, E. A., Bernstein, et al

2017; 3 (1)

- **Impact of a Genetic Risk Score for Coronary Artery Disease on Reducing Cardiovascular Risk: A Pilot Randomized Controlled Study.** *Frontiers in cardiovascular medicine*
Knowles, J. W., Zarafshar, S., Pavlovic, A., Goldstein, B. A., Tsai, S., Li, J., McConnell, M. V., Absher, D., Ashley, E. A., Kiernan, M., Ioannidis, J. P., Assimes, T. L.
2017; 4: 53
- **Incremental value of right heart metrics and exercise performance to well-validated risk scores in dilated cardiomyopathy.** *European heart journal cardiovascular Imaging*
Moneghetti, K. J., Giraldeau, G., Wheeler, M. T., Kobayashi, Y., Vrtovec, B., Boulate, D., Kuznetsova, T., Schnittger, I., Wu, J. C., Myers, J., Ashley, E., Haddad, F.
2017
- **Navigating Genetic and Phenotypic Uncertainty in Left Ventricular Noncompaction.** *Circulation. Cardiovascular genetics*
Rhee, J. W., Grove, M. E., Ashley, E. A.
2017; 10 (4)
- **Impact of Demographic Features, Lifestyle, and Comorbidities on the Clinical Expression of Hypertrophic Cardiomyopathy.** *Journal of the American Heart Association*
Finocchiaro, G., Magavern, E., Sinagra, G., Ashley, E., Papadakis, M., Tome-Esteban, M., Sharma, S., Olivotto, I.
2017; 6 (12)
- **Report from the Annual Conference of the British Society of Echocardiography, November 2016, Queen Elizabeth II Conference Centre, London.** *Echo research and practice*
Steeds, R. P., Cowie, M. R., Rana, B. S., Chambers, J. B., Ray, S., Srinivasan, J., Schwarz, K., Neil, C. J., Scally, C., Horowitz, J. D., Frenneaux, M. P., Pislaru, C., Dawson, et al
2017; 4 (3): M1
- **Value of Strain Imaging and Maximal Oxygen Consumption in Patients With Hypertrophic Cardiomyopathy.** *The American journal of cardiology*
Moneghetti, K. J., Stolfo, D., Christle, J. W., Kobayashi, Y., Finocchiaro, G., Sinagra, G., Myers, J., Ashley, E. A., Haddad, F., Wheeler, M. T.
2017; 120 (7): 1203–8
- **A non-exercise based V02max prediction using FRIEND dataset with a Neural Network**
Henriques, J., Carvalho, P., Rocha, T., Paredes, S., Cabiddu, R., Trimer, R., Mendes, R., Borghi-Silva, A., Kaminsky, L., Ashley, E., Arena, R., Myers, J., IEEE
IEEE.2017: 4203–6
- **Incremental value of right heart metrics and exercise performance to well-validated risk scores in dilated cardiomyopathy** *European Heart Journal - Cardiovascular Imaging*
Moneghetti, K. J., Giraldeau, G., Wheeler, M. T., Kobayashi, Y., Vrtovec, B., Boulate, D., Kuznetsova, T., Schnittger, I., Wu, J. C., Myers, J., Ashley, E., Haddad, F.
2017
- **Contractile reserve and cardiopulmonary exercise parameters in patients with dilated cardiomyopathy, the two dimensions of exercise testing.** *Echocardiography (Mount Kisco, N.Y.)*
Moneghetti, K. J., Kobayashi, Y., Christle, J. W., Ariyama, M., Vrtovec, B., Kouznetsova, T., Wilson, A., Ashley, E., Wheeler, M. T., Myers, J., Haddad, F.
2017
- **Informed Consent.** *New England journal of medicine*
Grady, C., Cummings, S. R., Rowbotham, M. C., McConnell, M. V., Ashley, E. A., Kang, G.
2017; 376 (9): 856-867
- **Functional assessment and transplantation of the donor heart after circulatory death** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Messer, S. J., Axell, R. G., Colah, S., White, P. A., Ryan, M., Page, A. A., Parizkova, B., Valchanov, K., White, C. W., Freed, D. H., Ashley, E., Dunning, J., Goddard, et al
2016; 35 (12): 1443-1452
- **Deep Learning Automates the Quantitative Analysis of Individual Cells in Live-Cell Imaging Experiments.** *PLoS computational biology*
Van Valen, D. A., Kudo, T., Lane, K. M., Macklin, D. N., Quach, N. T., DeFelice, M. M., Maayan, I., Tanouchi, Y., Ashley, E. A., Covert, M. W.
2016; 12 (11)

- **Exploratory insights from the right-sided electrocardiogram following prolonged endurance exercise.** *European journal of sport science*
Lord, R., George, K., Somauroo, J., Jain, N., Reese, K., Hoffman, M. D., Haddad, F., Ashley, E., Jones, H., Oxborough, D.
2016; 16 (8): 1014-1022
- **Interdisciplinary psychosocial care for families with inherited cardiovascular diseases.** *Trends in cardiovascular medicine*
Caleshu, C., Kasparian, N. A., Edwards, K. S., Yeates, L., Semsarian, C., Perez, M., Ashley, E., Turner, C. J., Knowles, J. W., Ingles, J.
2016; 26 (7): 647-653
- **In Vivo Post-Cardiac Arrest Myocardial Dysfunction Is Supported by Ca²⁺/Calmodulin-Dependent Protein Kinase II-Mediated Calcium Long-Term Potentiation and Mitigated by Alda-1, an Agonist of Aldehyde Dehydrogenase Type 2.** *Circulation*
Woods, C. E., Shang, C., Taghavi, F., Downey, P., Zalewski, A., Rubio, G. R., Liu, J., Homburger, J. R., Grunwald, Z., Qi, W., Bollensdorff, C., Thanaporn, P., Ali, et al
2016; 134 (13): 961-977
- **Alterations in Cardiac Mechanics Following Ultra-Endurance Exercise: Insights from Left and Right Ventricular Area-Deformation Loops.** *Journal of the American Society of Echocardiography*
Lord, R., George, K., Somauroo, J., Stembridge, M., Jain, N., Hoffman, M. D., Shave, R., Haddad, F., Ashley, E., Jones, H., Oxborough, D.
2016; 29 (9): 879-887 e1
- **Whole exome sequencing of a Finnish HLHS cohort reveals new variants in known LVOTO related genes and identifies new candidate genes**
Helle, E., Ojala, T., Ashley, E., Priest, J. R.
OXFORD UNIV PRESS.2016: 1036
- **Phase 2 study of A797, an oral, selective p38 mitogen-activated protein kinase inhibitor, in patients with lamin A/C-related dilated cardiomyopathy**
MacRae, C., Taylor, M. G., Mestroni, L., Moses, J. R., Ashley, E. A., Wheeler, M. T., Lakdawala, N. K., Hershberger, R. E., Ptaszynski, M., Sandor, V., Saunders, M. E., Oliver, C., Lee, et al
OXFORD UNIV PRESS.2016: 1011
- **Taming the genome: towards better genetic test interpretation** *GENOME MEDICINE*
Caleshu, C., Ashley, E. A.
2016; 8
- **The Undiagnosed Diseases Program Reply** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Gahl, W. A., Wise, A. L., Ashley, E. A.
2016; 315 (17): 1904
- **Hypertrophic Cardiomyopathy as a Cause of Sudden Cardiac Death in the Young: A Meta-Analysis** *AMERICAN JOURNAL OF MEDICINE*
Ullal, A. J., Abdelfattah, R. S., Ashley, E. A., Froelicher, V. F.
2016; 129 (5): 486-?
- **Impact of Septal Reduction on Left Atrial Size and Diastole in Hypertrophic Cardiomyopathy** *ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES*
Finocchiaro, G., Haddad, F., Kobayashi, Y., Lee, D., Pavlovic, A., Schnittger, I., Sinagra, G., Magavern, E., Myers, J., Froelicher, V., Knowles, J. W., Ashley, E.
2016; 33 (5): 686-694
- **A research roadmap for next-generation sequencing informatics** *SCIENCE TRANSLATIONAL MEDICINE*
Altman, R. B., Prabhu, S., Sidow, A., Zook, J. M., Goldfeder, R., Litwack, D., Ashley, E., Asiminos, G., Bustamante, C. D., Donigan, K., Giacomini, K. M., Johansen, E., Khuri, et al
2016; 8 (335)
- **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)
- **Athlome Project Consortium: a concerted effort to discover genomic and other "omic" markers of athletic performance.** *Physiological genomics*
Pitsiladis, Y. P., Tanaka, M., Eynon, N., Bouchard, C., North, K. N., Williams, A. G., Collins, M., Moran, C. N., Britton, S. L., Fuku, N., Ashley, E. A., Klissouras, V., Lucia, et al
2016; 48 (3): 183-190

- **Comparison of left ventricular manual versus automated derived longitudinal strain: implications for clinical practice and research** *INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING*
Kobayashi, Y., Ariyama, M., Kobayashi, Y., Giraldeau, G., Fleischman, D., Kozelj, M., Vrtovec, B., Ashley, E., Kuznetsova, T., Schnittger, I., Liang, D., Haddad, F.
2016; 32 (3): 429-437
- **Sports genetics moving forward: lessons learned from medical research.** *Physiological genomics*
Mattsson, C. M., Wheeler, M. T., Waggott, D., Caleshu, C., Ashley, E. A.
2016; 48 (3): 175-182
- **Somatic Mosaicism of Novel SCN5A Mutation in Purkinje System (PS) may Underlie 2: 1 Block in an Infant with Long QT Syndrome (LQTS)**
Yu, J. K., Boyle, P. M., O'Hara, T., Priest, J. R., Ashley, E., Trayanova, N. A.
CELL PRESS.2016: 527A
- **Medical implications of technical accuracy in genome sequencing.** *Genome medicine*
Goldfeder, R. L., Priest, J. R., Zook, J. M., Grove, M. E., Waggott, D., Wheeler, M. T., Salit, M., Ashley, E. A.
2016; 8 (1): 24-?
- **Redox regulation of vascular remodeling.** *Cellular and molecular life sciences : CMLS*
Karimi Galougahi, K., Ashley, E. A., Ali, Z. A.
2016; 73 (2): 349-63
- **Denosing of Quality Scores for Boosted Inference and Reduced Storage**
Ochoa, I., Hernaez, M., Goldfeder, R., Weissman, T., Ashley, E., Bilgin, A., Marcellin, M. W., SerraSagrista, J., Storer, J. A.
IEEE.2016: 251-60
- **Deep learning automates the quantitative analysis of individual cells in live-cell imaging experiments.**
Van Valen, D., Kudo, T., Lane, K., Macklin, D., Quach, N., DeFelice, M., Maayan, I., Tanouchi, Y., Ashley, E., Covert, M. W.
AMER SOC CELL BIOLOGY.2016
- **Redox regulation of vascular remodeling** *CELLULAR AND MOLECULAR LIFE SCIENCES*
Galougahi, K. K., Ashley, E. A., Ali, Z. A.
2016; 73 (2): 349-363
- **The Future of Genomic Research in Athletic Performance and Adaptation to Training.** *Medicine and sport science*
Wang, G., Tanaka, M., Eynon, N., North, K. N., Williams, A. G., Collins, M., Moran, C. N., Britton, S. L., Fuku, N., Ashley, E. A., Klissouras, V., Lucia, A., Ahmetov, et al
2016; 61: 55-67
- **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
- **Examining Prevailing Genotype-Phenotype Correlations in Hypertrophic Cardiomyopathy: Findings From The Sarcomeric Human Cardiomyopathy Registry (SHaRe)**
Ho, C. Y., Day, S. M., Ashley, E. A., Michels, M., Pereira, A., Fox, J., Caleshu, C., Cirino, A. L., Colan, S., Wroldstad, D., Green, E. M., Olivotto, I., SHaRe Investigators
LIPPINCOTT WILLIAMS & WILKINS.2015: 2277
- **Direct-to-consumer genetic testing for predicting sports performance and talent identification: Consensus statement** *BRITISH JOURNAL OF SPORTS MEDICINE*
Webborn, N., Williams, A., McNamee, M., Bouchard, C., Pitsiladis, Y., Ahmetov, I., Ashley, E., Byrne, N., Camporesi, S., Collins, M., Dijkstra, P., Eynon, N., Fuku, et al
2015; 49 (23): 1486-1491
- **Gender Differences in Ventricular Remodeling and Function in College Athletes, Insights from Lean Body Mass Scaling and Deformation Imaging** *AMERICAN JOURNAL OF CARDIOLOGY*
Giraldeau, G., Kobayashi, Y., Finocchiaro, G., Wheeler, M., Perez, M., Kuznetsova, T., Lord, R., George, K. P., Oxborough, D., Schnittger, T., Froelicher, V., Liang, D., Ashley, et al

2015; 116 (10): 1610-1616

- **Limitations of Current AHA Guidelines and Proposal of New Guidelines for the Preparticipation Examination of Athletes** *CLINICAL JOURNAL OF SPORT MEDICINE*
Dunn, T. P., Pickham, D., Aggarwal, S., Saini, D., Kumar, N., Wheeler, M. T., Perez, M., Ashley, E., Froelicher, V. F.
2015; 25 (6): 472-477
- **Promise of Precision Medicine Reply** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Ashley, E. A.
2015; 314 (16): 1752-53
- **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., Waggon, 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)
- **A Rapid, High-Quality, Cost-Effective, Comprehensive and Expandable Targeted Next-Generation Sequencing Assay for Inherited Heart Diseases.** *Circulation research*
Wilson, K. D., Shen, P., Fung, E., Karakikes, I., Zhang, A., Inanloorahatloo, K., Odegaard, J., Sallam, K., Davis, R. W., Lui, G. K., Ashley, E. A., Scharfe, C., Wu, et al
2015; 117 (7): 603-611
- **The impact of chronic endurance and resistance training upon the right ventricular phenotype in male athletes.** *European journal of applied physiology*
Utomi, V., Oxborough, D., Ashley, E., Lord, R., Fletcher, S., Stemberge, M., Shave, R., Hoffman, M. D., Whyte, G., Somauroo, J., Sharma, S., George, K.
2015; 115 (8): 1673-1682
- **Bayesian Selection of Modifier Genes in Hypertrophic Cardiomyopathy Through Whole Genome Sequencing**
Wheeler, M., Waggon, D., Grove, M., Dewey, F., Pan, C., Pavlovic, A., Goldfeder, R., Puckelwartz, M., Day, S., McNally, E., Dorn, G. W., Ashley, E.
LIPPINCOTT WILLIAMS & WILKINS.2015
- **Achieving high-sensitivity for clinical applications using augmented exome sequencing** *GENOME MEDICINE*
Patwardhan, A., Harris, J., Leng, N., Bartha, G., Church, D. M., Luo, S., Haudenschild, C., Pratt, M., Zook, J., Salit, M., Tirch, J., Morra, M., Chervitz, et al
2015; 7
- **Long-term outcomes of septal reduction for obstructive hypertrophic cardiomyopathy.** *Journal of cardiology*
Sedehi, D., Finocchiaro, G., Tibayan, Y., Chi, J., Pavlovic, A., Kim, Y. M., Tibayan, F. A., Reitz, B. A., Robbins, R. C., Woo, J., Ha, R., Lee, D. P., Ashley, et al
2015; 66 (1): 57-62
- **Long-term outcomes of septal reduction for obstructive hypertrophic cardiomyopathy** *JOURNAL OF CARDIOLOGY*
Sedehi, D., Finocchiaro, G., Tibayan, Y., Chi, J., Pavlovic, A., Kim, Y. M., Tibayan, F. A., Reitz, B. A., Robbins, R. C., Woo, J., Ha, R., Lee, D. P., Ashley, et al
2015; 66 (1-2): 57-62
- **Systematic Comparison of Digital Electrocardiograms From Healthy Athletes and Patients With Hypertrophic Cardiomyopathy.** *Journal of the American College of Cardiology*
Bent, R. E., Wheeler, M. T., Hadley, D., Knowles, J. W., Pavlovic, A., Finocchiaro, G., Haddad, F., Salisbury, H., Race, S., Shmargad, Y., Matheson, G. O., Kumar, N., Saini, et al
2015; 65 (22): 2462-2463
- **ClinGen - The Clinical Genome Resource** *NEW ENGLAND JOURNAL OF MEDICINE*
Rehm, H. L., Berg, J. S., Brooks, L. D., Bustamante, C. D., Evans, J. P., Landrum, M. J., Ledbetter, D. H., Maglott, D. R., Martin, C. L., Nussbaum, R. L., Plon, S. E., Ramos, E. M., Sherry, et al
2015; 372 (23): 2235-2242
- **Arrhythmogenic Right Ventricular Cardiomyopathy Toward a Modern Clinical and Genomic Understanding** *CIRCULATION-CARDIOVASCULAR GENETICS*
Dunn, K. E., Ashley, E. A.
2015; 8 (3): 421-24
- **Prevalence and Prognostic Role of Right Ventricular Involvement in Stress-Induced Cardiomyopathy** *JOURNAL OF CARDIAC FAILURE*
Finocchiaro, G., Kobayashi, Y., Magavern, E., Zhou, J. Q., Ashley, E., Sinagra, G., Schnittger, I., Knowles, J. W., Fearon, W. F., Haddad, F., Tremmel, J. A.
2015; 21 (5): 419-425

- **Computerized Q wave dimensions in athletes and hypertrophic cardiomyopathy patients** *JOURNAL OF ELECTROCARDIOLOGY*
Bent, R. E., Wheeler, M. T., Hadley, D., Froelicher, V., Ashley, E., Perez, M. V.
2015; 48 (3): 362-367
- **Cardiopulmonary responses and prognosis in hypertrophic cardiomyopathy: a potential role for comprehensive noninvasive hemodynamic assessment.** *JACC. Heart failure*
Finocchiaro, G., Haddad, F., Knowles, J. W., Caleshu, C., Pavlovic, A., Homburger, J., Shmargad, Y., Sinagra, G., Magavern, E., Wong, M., Perez, M., Schnittger, I., Myers, et al
2015; 3 (5): 408-418
- **The Independent Predictive Value of Peak Oxygen Consumption, Left ventricular Strain and Atrial Remodelling in Patients With Dilated Cardiomyopathy**
Boulate, D., Banerjee, D., Ariyama, M., Wheeler, M., Knowles, J. W., Kobayashi, Y., Perez, M., Wu, J., Schnittger, I., Kouznetsova, T., Myers, J., Haddad, F., Ashley, et al
ELSEVIER SCIENCE INC.2015: S186
- **Hypertrophic cardiomyopathy: can the horse be put back in the barn?** *Journal of the American College of Cardiology*
Wheeler, M. T., Ashley, E. A.
2015; 65 (6): 570-572
- **RNA-Seq identifies novel myocardial gene expression signatures of heart failure** *GENOMICS*
Liu, Y., Morley, M., Brandimarto, J., Hannenhalli, S., Hu, Y., Ashley, E. A., Tang, W. H., Moravec, C. S., Margulies, K. B., Cappola, T. P., Li, M., Consortium, M.
2015; 105 (2): 83-89
- **Using "big data" to dissect clinical heterogeneity.** *Circulation*
Altman, R. B., Ashley, E. A.
2015; 131 (3): 232-233
- **Additive prognostic value of a cardiopulmonary exercise test score in patients with heart failure and intermediate risk** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Ritt, L. E., Myers, J., Stein, R., Arena, R., Guazzi, M., Chase, P., Bensimhon, D., Ashley, E., Cahalin, L. P., Forman, D. E.
2015; 178: 262-64
- **Personalized preventive medicine: genetics and the response to regular exercise in preventive interventions.** *Progress in cardiovascular diseases*
Bouchard, C., Antunes-Correa, L. M., Ashley, E. A., Franklin, N., Hwang, P. M., Mattsson, C. M., Negrao, C. E., Phillips, S. A., Sarzynski, M. A., Wang, P., Wheeler, M. T.
2015; 57 (4): 337-346
- **Establishing disease causality for a novel gene variant in familial dilated cardiomyopathy using a functional in-vitro assay of regulated thin filaments and human cardiac myosin.** *BMC medical genetics*
Pan, S., Sommese, R. F., Sallam, K. I., Nag, S., Sutton, S., Miller, S. M., Spudich, J. A., Ruppel, K. M., Ashley, E. A.
2015; 16 (1): 97-?
- **Achieving high-sensitivity for clinical applications using augmented exome sequencing.** *Genome medicine*
Patwardhan, A., Harris, J., Leng, N., Bartha, G., Church, D. M., Luo, S., Haudenschild, C., Pratt, M., Zook, J., Salit, M., Tirsch, J., Morra, M., Chervitz, et al
2015; 7 (1): 71-?
- **The right ventricle following ultra-endurance exercise: insights from novel echocardiography and 12-lead electrocardiography** *EUROPEAN JOURNAL OF APPLIED PHYSIOLOGY*
Lord, R., Somauroo, J., Stemberge, M., Jain, N., Hoffman, M. D., George, K., Jones, H., Shave, R., Haddad, F., Ashley, E., Oxborough, D.
2015; 115 (1): 71-80
- **INHERIT (INHibition of the renin angiotensin system in hypertrophic cardiomyopathy and the Effect on hypertrophy-a Randomised Intervention Trial with losartan).** *Global cardiology science & practice*
Olivotto, I., Ashley, E. A.
2015; 2015: 7-?
- **Clinical Phenotype and Outcome of Hypertrophic Cardiomyopathy Associated With Thin-Filament Gene Mutations** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Coppini, R., Ho, C. Y., Ashley, E., Day, S., Ferrantini, C., Girolami, F., Tomberli, B., Bardi, S., Torricelli, F., Cecchi, F., Mugelli, A., Poggesi, C., Tardiff, et al
2014; 64 (24): 2589-2600

- **Oxido-reductive regulation of vascular remodeling by receptor tyrosine kinase ROS1** *JOURNAL OF CLINICAL INVESTIGATION*
Ali, Z. A., Perez, V. D., Yuan, K., Orcholski, M., Pan, S., Qi, W., Chopra, G., Adams, C., Kojima, Y., Leeper, N. J., Qu, X., Zaleta-Rivera, K., Kato, et al
2014; 124 (12): 5159-5174
- **Assessing the Impact of False Positive and False Negative Variant Calls on Clinical Genome Interpretation**
Zook, J. M., Goldfeder, R., Priest, J., Grove, M., Wheeler, M., Ashley, E., Salit, M.
ELSEVIER SCIENCE INC.2014: 711
- **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., Xiong, Y., Chien, H., Zhou, et al
2014; 514 (7520): 102-106
- **Molecular diagnosis of long QT syndrome at 10 days of life by rapid whole genome sequencing** *HEART RHYTHM*
Priest, J. R., Ceresnak, S. R., Dewey, F. E., Malloy-Walton, L. E., Dunn, K., Grove, M. E., Perez, M. V., Maeda, K., Dubin, A. M., Ashley, E. A.
2014; 11 (10): 1707-1713
- **Genomics in clinical practice** *HEART*
Priest, J. R., Ashley, E. A.
2014; 100 (20): 1569-70
- **Stable, Covalent Attachment of Laminin to Microposts Improves the Contractility of Mouse Neonatal Cardiomyocytes** *ACS APPLIED MATERIALS & INTERFACES*
Ribeiro, A. J., Zaleta-Rivera, K., Ashley, E. A., Pruitt, B. L.
2014; 6 (17): 15516-15526
- **Stable, covalent attachment of laminin to microposts improves the contractility of mouse neonatal cardiomyocytes.** *ACS applied materials & interfaces*
Ribeiro, A. J., Zaleta-Rivera, K., Ashley, E. A., Pruitt, B. L.
2014; 6 (17): 15516-15526
- **RV remodeling in college athletes engaged in mixed strength and endurance training: do the current echocardiographic reference values apply?**
Finocchiaro, G., Knowles, J. W., Perez, M., Schnittger, I., Magavern, E., Puryear, J., Sinagra, G., Froelicher, V., Ashley, E., Haddad, F.
OXFORD UNIV PRESS.2014: 729-30
- **Impact of latent obstruction on exercise tolerance in hypertrophic cardiomyopathy**
Finocchiaro, G., Haddad, F., Knowles, J. W., Pavlovic, A., Sinagra, G., Magavern, E., Wong, M., Myers, J., Froelicher, V., Ashley, E. A.
OXFORD UNIV PRESS.2014: 927
- **Predominance of normal left ventricular geometry in the male 'athlete's heart'** *HEART*
Utomi, V., Oxborough, D., Ashley, E., Lord, R., Fletcher, S., Stemberge, M., Shave, R., Hoffman, M. D., Whyte, G., Somauroo, J., Sharma, S., George, K.
2014; 100 (16): 1264-?
- **Interpreting whole-genome sequencing--reply.** *JAMA*
Dewey, F., Ashley, E., Quertermous, T.
2014; 312 (3): 296-297
- **Whole-Exome Sequencing Reveals TopBP1 as a Novel Gene in Idiopathic Pulmonary Arterial Hypertension** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Perez, V. A., Yuan, K., Lyuksyutova, M. A., Dewey, F., Orcholski, M. E., Shuffle, E. M., Mathur, M., Yancy, L., Rojas, V., Li, C. G., Cao, A., Alastalo, T., Khazeni, et al
2014; 189 (10): 1260-1272
- **Latent obstruction and left atrial size are predictors of clinical deterioration leading to septal reduction in hypertrophic cardiomyopathy.** *Journal of cardiac failure*
Finocchiaro, G., Haddad, F., Pavlovic, A., Sinagra, G., Schnittger, I., Knowles, J. W., Perez, M., Magavern, E., Myers, J., Ashley, E.
2014; 20 (4): 236-243
- **Exercise capacity and paroxysmal atrial fibrillation in patients with hypertrophic cardiomyopathy.** *Heart*
Azarbal, F., Singh, M., Finocchiaro, G., Le, V., Schnittger, I., Wang, P., Myers, J., Ashley, E., Perez, M.
2014; 100 (8): 624-630

- **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
- **Unexplained double-chambered left ventricle associated with contracting right ventricular aneurysm and right atrial enlargement.** *Echocardiography (Mount Kisco, N.Y.)*
Finocchiaro, G., Murphy, D., Pavlovic, A., Haddad, F., Shiran, H., Sinagra, G., Ashley, E. A., Knowles, J. W.
2014; 31 (3): E80-4
- **Unexplained double-chambered left ventricle associated with contracting right ventricular aneurysm and right atrial enlargement.** *Echocardiography (Mount Kisco, N.Y.)*
Finocchiaro, G., Murphy, D., Pavlovic, A., Haddad, F., Shiran, H., Sinagra, G., Ashley, E. A., Knowles, J. W.
2014; 31 (3): E80-4
- **A neural network approach to predicting outcomes in heart failure using cardiopulmonary exercise testing** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Myers, J., de Souza, C. R., Borghi-Silva, A., Guazzi, M., Chase, P., Bensimhon, D., Peberdy, M. A., Ashley, E., West, E., Cahalin, L. P., Forman, D., Arena, R.
2014; 171 (2): 265-269
- **Patterns and prognosis of all components of the J-wave pattern in multiethnic athletes and ambulatory patients.** *American heart journal*
Muramoto, D., Yong, C. M., Singh, N., Aggarwal, S., Perez, M., Ashley, E., Hadley, D., Froelicher, V.
2014; 167 (2): 259-266
- **Contractility of Neonatal Cardiomyocytes is Altered with Different Densities of Laminin Covalently Attached to Microposts**
Ribeiro, A. S., Zaleta-Rivera, K., Ashley, E. A., Pruitt, B. L.
CELL PRESS.2014: 211A
- **Prevalence and clinical correlates of right ventricular dysfunction in patients with hypertrophic cardiomyopathy.** *American journal of cardiology*
Finocchiaro, G., Knowles, J. W., Pavlovic, A., Perez, M., Magavern, E., Sinagra, G., Haddad, F., Ashley, E. A.
2014; 113 (2): 361-367
- **Rat model of veno-arterial extracorporeal membrane oxygenation.** *Journal of translational medicine*
Ali, A. A., Downey, P., Singh, G., Qi, W., George, I., Takayama, H., Kirtane, A., Krishnan, P., Zalewski, A., Freed, D., Large, S. R., Ashley, E. A., Leon, et al
2014; 12: 37-?
- **Loss Of Carboxylesterase 1 Activity Is Associated With Reduced Bone Morphogenetic Protein Receptor 2 Activity And Membrane Localization In Pulmonary Endothelial Cells**
Aurora, R., Orcholski, M., Khurshudyan, A., Dewey, F., Ashley, E., Morriseau, C., Hammock, B., Zamanian, R. T., Perez, V.
AMER THORACIC SOC.2014
- **Carboxylesterase 1, A Novel Candidate Gene In Pulmonary Arterial Hypertension, Protects The Pulmonary Endothelium Against Methamphetamine-Mediated Injury**
Orcholski, M., Khurshudyan, A., Morriseau, C., Dewey, F., Ashley, E., Hammock, B., Zamanian, R. T., Perez, V.
AMER THORACIC SOC.2014
- **Identification of a New Target of miR-16, Vacuolar Protein Sorting 4a.** *PloS one*
Adhikari, N., Guan, W., Capaldo, B., Mackey, A. J., Carlson, M., Ramakrishnan, S., Walek, D., Gupta, M., Mitchell, A., Eckman, P., John, R., Ashley, E., Barton, et al
2014; 9 (7)
- **How does morphology impact on diastolic function in hypertrophic cardiomyopathy? A single centre experience.** *BMJ open*
Finocchiaro, G., Haddad, F., Pavlovic, A., Magavern, E., Sinagra, G., Knowles, J. W., Myers, J., Ashley, E. A.
2014; 4 (6)
- **A Balanced Look at the Implications of Genomic (and Other "Omics") Testing for Disease Diagnosis and Clinical Care.** *Genes*
Boyd, S. D., Galli, S. J., Schrijver, I., Zehnder, J. L., Ashley, E. A., Merker, J. D.
2014; 5 (3): 748-766
- **How does morphology impact on diastolic function in hypertrophic cardiomyopathy? A single centre experience.** *BMJ open*
Finocchiaro, G., Haddad, F., Pavlovic, A., Magavern, E., Sinagra, G., Knowles, J. W., Myers, J., Ashley, E. A.

2014; 4 (6)

- **Identification of a new target of miR-16, Vacuolar Protein Sorting 4a.** *PLoS one*
Adhikari, N., Guan, W., Capaldo, B., Mackey, A. J., Carlson, M., Ramakrishnan, S., Walek, D., Gupta, M., Mitchell, A., Eckman, P., John, R., Ashley, E., Barton, et al
2014; 9 (7)
- **Rare Variation in Sarcomeric Genes Accompanies MYH7 Hypertrophic Cardiomyopathy**
Caliri, S. J., Dewey, F. E., Grove, M. E., Priest, J., Shringarpure, S., Pan, C., Datta, S., Puckelwartz, M. J., Golbus, J. R., Snyder, M., Bustamante, C. D., Day, S., McNally, et al
LIPPINCOTT WILLIAMS & WILKINS.2013: E161–E162
- **Exome Sequencing of Atrioventricular Septal Defects Reveals Rare and de novo Variants in Genes Related to Congenital Heart Disease and Cardiac Development**
Priest, J. R., Girirajan, S., Dewey, F., Eichler, E. E., Gelb, B. D., Quertermous, T., Ashley, E. A., Portman, M. A.
LIPPINCOTT WILLIAMS & WILKINS.2013: E163
- **Genetic Variation Near HCRTR2 Associates With Dramatic Improvement of Heart Function in Patients With Heart Failure**
Perez, M. V., Pavlovic, A., Wheeler, M. T., Miller, C. L., Thanaporn, P., Dewey, F. E., Pan, S., Absher, D., Cretti, E., Southwick, A., Heidenreich, P., Sedehi, D., Brandimarto, et al
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Effects of respiratory exchange ratio on the prognostic value of peak oxygen consumption and ventilatory efficiency in patients with systolic heart failure.** *JACC. Heart failure*
Chase, P. J., Kenjale, A., Cahalin, L. P., Arena, R., Davis, P. G., Myers, J., Guazzi, M., Forman, D. E., Ashley, E., Peberdy, M. A., West, E., Kelly, C. T., Bensimhon, et al
2013; 1 (5): 427-432
- **Effects of Respiratory Exchange Ratio on the Prognostic Value of Peak Oxygen Consumption and Ventilatory Efficiency in Patients With Systolic Heart Failure** *JACC-HEART FAILURE*
Chase, P. J., Kenjale, A., Cahalin, L. P., Arena, R., Davis, P. G., Myers, J., Guazzi, M., Forman, D. E., Ashley, E., Peberdy, M. A., West, E., Kelly, C. T., Bensimhon, et al
2013; 1 (5): 427-432
- **The prognostic significance of heart rate recovery is not dependent upon maximal effort in patients with heart failure** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Cahalin, L. P., Forman, D. E., Chase, P., Guazzi, M., Myers, J., Bensimhon, D., Peberdy, M. A., Ashley, E., West, E., Arena, R.
2013; 168 (2): 1496-1501
- **Exercise capacity in patients with hypertrophic cardiomyopathy: non-invasive hemodynamic responses to exercise and association with clinical and imaging variables**
Finocchiaro, G., Haddad, F., Pavlovic, A., Sinagra, G., Wong, M., Knowles, J. K., Perez, M., Myers, J., Ashley, E.
OXFORD UNIV PRESS.2013: 532–33
- **Prognostic role of exercise echocardiography in patients with hypertrophic cardiomyopathy**
Finocchiaro, G., Haddad, F., Pavlovic, A., Sinagra, G., Magavern, E., Knowles, J. K., Ashley, E.
OXFORD UNIV PRESS.2013: 167
- **Race differences in ventricular remodeling and function among college football players.** *American journal of cardiology*
Haddad, F., Peter, S., Hulme, O., Liang, D., Schnittger, I., Puryear, J., Gomari, F. A., Finocchiaro, G., Myers, J., Froelicher, V., Garza, D., Ashley, E. A.
2013; 112 (1): 128-134
- **Taming Rare Variation With Known Biology in Long QT Syndrome.** *Circulation. Cardiovascular genetics*
Perez, M. V., Ashley, E. A.
2013; 6 (3): 227-229
- **Prevention of Sudden Cardiac Death With Implantable Cardioverter-Defibrillators in Children and Adolescents With Hypertrophic Cardiomyopathy** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Maron, B. J., Spirito, P., Ackerman, M. J., Casey, S. A., Semsarian, C., Estes, N. A., Shannon, K. M., Ashley, E. A., Day, S. M., Pacileo, G., Formisano, F., Devoto, E., Anastasakis, et al
2013; 61 (14): 1527-1535

- **Physical Activity and Other Health Behaviors in Adults With Hypertrophic Cardiomyopathy** *AMERICAN JOURNAL OF CARDIOLOGY*
Reineck, E., Rolston, B., Bragg-Gresham, J. L., Salberg, L., Baty, L., Kumar, S., Wheeler, M. T., Ashley, E., Saberi, S., Day, S. M.
2013; 111 (7): 1034-1039
- **Prevalence and Clinical Correlates of Right Ventricular Dysfunction in Patients with Hypertrophic Cardiomyopathy**
Finocchiaro, G., Pavlovic, A., Sudini, N. L., Sinagra, G., Haddad, F., Ashley, E.
ELSEVIER SCIENCE INC.2013: S21–S22
- **WHAT IS THE PROGNOSTIC VALUE OF THE ST DEPRESSION CRITERIA FOR ISCHEMIA RECOMMENDED IN THE UNIVERSAL DEFINITION FOR MYOCARDIAL INFARCTION?** *62nd Annual Scientific Session of the American-College-of-Cardiology*
Perino, A., Singh, N., Aggarwal, S., Perez, M., Ashley, E., Froelicher, V.
ELSEVIER SCIENCE INC.2013: E1166–E1166
- **PREVALENCE AND CLINICAL CORRELATES OF RIGHT VENTRICULAR DYSFUNCTION IN PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY**
Finocchiaro, G., Pavlovic, A., Shmargad, Y., Sinagra, G., Haddad, F., Ashley, E.
ELSEVIER SCIENCE INC.2013: E1273
- **A NEURAL NETWORK APPROACH TO PREDICTING OUTCOMES IN HEART FAILURE USING CARDIOPULMONARY EXERCISE TESTING**
Arena, R., Myers, J. N., de Souza, C., Silva, A., Guazzi, M., Chase, P., Bensimhon, D., Peberdy, M., Ashley, E., West, E., Cahalin, L., Forman, D.
ELSEVIER SCIENCE INC.2013: E1415
- **PAROXYSMAL ATRIAL FIBRILLATION IS ASSOCIATED WITH EXERCISE INTOLERANCE AMONG INDIVIDUALS WITH HYPERTROPHIC CARDIOMYOPATHY** *62nd Annual Scientific Session of the American-College-of-Cardiology*
Azarbal, F., Singh, M., Finocchiaro, G., Le, V., Schnittger, I., Wang, P., Myers, J., Perez, M., Ashley, E.
ELSEVIER SCIENCE INC.2013: E1617–E1617
- **PATTERNS AND PROGNOSIS OF ALL COMPONENTS OF EARLY REPOLARIZATION IN ATHLETES AND AMBULATORY PATIENTS** *62nd Annual Scientific Session of the American-College-of-Cardiology*
Muramoto, D., Singh, N., Aggarwal, S., Perez, M., Ashley, E., Hadley, D., Froelicher, V.
ELSEVIER SCIENCE INC.2013: E349–E349
- **Validation of a cardiopulmonary exercise test score in heart failure.** *Circulation. Heart failure*
Myers, J., Oliveira, R., Dewey, F., Arena, R., Guazzi, M., Chase, P., Bensimhon, D., Peberdy, M. A., Ashley, E., West, E., Cahalin, L. P., Forman, D. E.
2013; 6 (2): 211-218
- **Impact of Cardiorespiratory Fitness on the Obesity Paradox in Patients With Heart Failure** *MAYO CLINIC PROCEEDINGS*
Lavie, C. J., Cahalin, L. P., Chase, P., Myers, J., Bensimhon, D., Peberdy, M. A., Ashley, E., West, E., Forman, D. E., Guazzi, M., Arena, R.
2013; 88 (3): 251-258
- **Cardiopulmonary and Noninvasive Hemodynamic Responses to Exercise Predict Outcomes in Heart Failure** *JOURNAL OF CARDIAC FAILURE*
Myers, J., Wong, M., Adhikarla, C., Boga, M., Challa, S., Abella, J., Ashley, E. A.
2013; 19 (2): 101-107
- **Electrocardiographic interpretation in athletes: the 'Seattle Criteria'** *BRITISH JOURNAL OF SPORTS MEDICINE*
Drezner, J. A., Ackerman, M. J., Anderson, J., Ashley, E., Asplund, C. A., Baggish, A. L., Borjesson, M., Cannon, B. C., Corrado, D., Difiori, J. P., Fischbach, P., Froelicher, V., Harmon, et al
2013; 47 (3): 122-124
- **Abnormal electrocardiographic findings in athletes: recognising changes suggestive of primary electrical disease** *BRITISH JOURNAL OF SPORTS MEDICINE*
Drezner, J. A., Ackerman, M. J., Cannon, B. C., Corrado, D., Heidbuchel, H., Prutkin, J. M., Salerno, J. C., Anderson, J., Ashley, E., Asplund, C. A., Baggish, A. L., Borjesson, M., Difiori, et al
2013; 47 (3): 153-?
- **Abnormal electrocardiographic findings in athletes: recognising changes suggestive of cardiomyopathy** *BRITISH JOURNAL OF SPORTS MEDICINE*
Drezner, J. A., Ashley, E., Baggish, A. L., Borjesson, M., Corrado, D., Owens, D. S., Patel, A., Pelliccia, A., Vetter, V. L., Ackerman, M. J., Anderson, J., Asplund, C. A., Cannon, et al
2013; 47 (3): 137-?
- **Normal electrocardiographic findings: recognising physiological adaptations in athletes** *BRITISH JOURNAL OF SPORTS MEDICINE*

- Drezner, J. A., Fischbach, P., Froelicher, V., Marek, J., Pelliccia, A., Prutkin, J. M., Schmied, C. M., Sharma, S., Wilson, M. G., Ackerman, M. J., Anderson, J., Ashley, E., Asplund, et al
2013; 47 (3): 125-?
- **A Clinical Approach to Inherited Hypertrophy The Use of Family History in Diagnosis, Risk Assessment, and Management** *CIRCULATION-CARDIOVASCULAR GENETICS*
Dunn, K. E., Caleshu, C., Cirino, A. L., Ho, C. Y., Ashley, E. A.
2013; 6 (1): 118-131
 - **Abnormal Calcium Handling Properties Underlie Familial Hypertrophic Cardiomyopathy Pathology in Patient-Specific Induced Pluripotent Stem Cells** *CELL STEM CELL*
Lan, F., Lee, A. S., Liang, P., Sanchez-Freire, V., Nguyen, P. K., Wang, L., Han, L., Yen, M., Wang, Y., Sun, N., Abilez, O. J., Hu, S., Ebert, et al
2013; 12 (1): 101-113
 - **A meta-analysis of the prognostic significance of cardiopulmonary exercise testing in patients with heart failure** *HEART FAILURE REVIEWS*
Cahalin, L. P., Chase, P., Arena, R., Myers, J., Bensimhon, D., Peberdy, M. A., Ashley, E., West, E., Forman, D. E., Pinkstaff, S., Lavie, C. J., Guazzi, M.
2013; 18 (1): 79-94
 - **Whole Exome Sequencing Identifies Novel Candidate Genes In A Cohort Of Patients With Idiopathic Pulmonary Arterial Hypertension**
Perez, V., Lyuksyutova, M., Dewey, F., Del Rosario, P., Ashley, E., Zamanian, R. T.
AMER THORACIC SOC.2013
 - **Whole Exome Sequencing Identifies Carboxylesterase 1 As Aa Novel Candidate Gene In Patients With Methamphetamine Induced Pulmonary Hypertension**
Zamanian, R. T., Khurshudyan, A., Dewey, F., Orcholski, M., Ashley, E., Perez, V.
AMER THORACIC SOC.2013
 - **ACTIVATION OF VEGFR-2 IN ADVENTITIAL STEM CELLS TRIGGERS VASCULAR REMODELLING**
Chang, C., Lin, C., Lin, C., Lehrer, J., Krampitz, G., Ikeno, F., Ali, Z., Wang, R., Ashley, E., Rabinovitch, M.
KARGER.2013: 15
 - **Cardiac Structural and Sarcomere Genes Associated With Cardiomyopathy Exhibit Marked Intolerance of Genetic Variation** *CIRCULATION-CARDIOVASCULAR GENETICS*
Pan, S., Caleshu, C. A., Dunn, K. E., Foti, M. J., Moran, M. K., Soyinka, O., Ashley, E. A.
2012; 5 (6): 602-610
 - **Patients with Hypertrophic Cardiomyopathy are Less Physically Active than the General Population**
Rolston, B., Reineck, E., Bragg-Gresham, J., Salberg, L., Saberi, S., Baty, L., Wheeler, M., Ashley, E., Day, S. M.
LIPPINCOTT WILLIAMS & WILKINS.2012
 - **Race Differences in Ventricular Remodeling Among College Football Players: Implications for a Cardiovascular Screening Program**
Peter, S., Haddad, F., Hulme, O., Gomari, A., Myers, J., Froelicher, V., Ashley, E.
LIPPINCOTT WILLIAMS & WILKINS.2012
 - **Are T wave Inversions in the Anterior Precordial Leads Benign in African-Americans?**
Findley, C. M., Stein, R., Perez, M., Ashley, E., Froelicher, V.
LIPPINCOTT WILLIAMS & WILKINS.2012
 - **Impact of Cardiorespiratory Fitness on the Obesity Paradox in Patients with Heart Failure**
Lavie, C. J., Cahalin, L. P., Chase, P., Myers, J., Bensimhon, D., Peberdy, M., Ashley, E., West, E., Forman, D. E., Guazzil, M., Arena, R.
LIPPINCOTT WILLIAMS & WILKINS.2012
 - **Analysis of Cardiomyopathy Using Whole Genome Sequencing**
Golbus, J. R., Puckelwartz, M. J., Pesce, L. L., Wolfgeher, D., Dellefave-Castillo, L., Cappola, T. P., Ashley, E. A., Dorn, G. W., McNally, E. M.
LIPPINCOTT WILLIAMS & WILKINS.2012
 - **Prognostic value of capnography during rest and exercise in patients with heart failure.** *Congestive heart failure (Greenwich, Conn.)*
Arena, R., Guazzi, M., Myers, J., Chase, P., Bensimhon, D., Cahalin, L. P., Peberdy, M. A., Ashley, E., West, E., Forman, D. E.
2012; 18 (6): 302-307
 - **Ventilatory Power A Novel Index That Enhances Prognostic Assessment of Patients With Heart Failure** *CIRCULATION-HEART FAILURE*

-
- Forman, D. E., Guazzi, M., Myers, J., Chase, P., Bensimhon, D., Cahalin, L. P., Peberdy, M. A., Ashley, E., West, E., Daniels, K. M., Arena, R.
2012; 5 (5): 621-626
- **APJ acts as a dual receptor in cardiac hypertrophy** *NATURE*
Scimia, M. C., Hurtado, C., Ray, S., Metzler, S., Wei, K., Wang, J., Woods, C. E., Purcell, N. H., Catalucci, D., Akasaka, T., Bueno, O. F., Vlasuk, G. P., Kaliman, et al
2012; 488 (7411): 394-398
 - **Modeling Pathogenesis in Familial Hypertrophic Cardiomyopathy Using Patient-Specific Induced Pluripotent Stem Cells** *Basic Cardiovascular Sciences Scientific Session*
Lan, F., Lee, A., Liang, P., Navarrete, E., Wang, L., Leng, H., Sanchez, V., Yen, M., Wang, Y., Nguyen, P., Sun, N., Abilez, O., Lewis, et al
LIPPINCOTT WILLIAMS & WILKINS.2012
 - **In Situ Optical Mapping of Voltage and Calcium in the Heart** *PLOS ONE*
Lee, P., Taghavi, F., Yan, P., Ewart, P., Ashley, E. A., Loew, L. M., Kohl, P., Bollensdorff, C., Woods, C. E.
2012; 7 (8)
 - **A public resource facilitating clinical use of genomes** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Ball, M. P., Thakuria, J. V., Zaranek, A. W., Clegg, T., Rosenbaum, A. M., Wu, X., Angrist, M., Bhak, J., Bobe, J., Callow, M. J., Cano, C., Chou, M. F., Chung, et al
2012; 109 (30): 11920-11927
 - **Personalized medicine: hope or hype?** *EUROPEAN HEART JOURNAL*
Salari, K., Watkins, H., Ashley, E. A.
2012; 33 (13): 1564-U29
 - **The Prognostic Utility of Cardiopulmonary Exercise Testing Stands the Test of Time in Patients With Heart Failure** *JOURNAL OF CARDIOPULMONARY REHABILITATION AND PREVENTION*
Arena, R., Guazzi, M., Myers, J., Chase, P., Bensimhon, D., Cahalin, L. P., Peberdy, M. A., Ashley, E., West, E., Forman, D. E.
2012; 32 (4): 198-202
 - **Prognostic Implications of Q Waves and T-Wave Inversion Associated With Early Repolarization** *MAYO CLINIC PROCEEDINGS*
Uberoi, A., Sallam, K., Perez, M., Jain, N. A., Ashley, E., Froelicher, V.
2012; 87 (7): 614-619
 - **Cell-Intrinsic Functional Effects of the alpha-Cardiac Myosin Arg-403-Gln Mutation in Familial Hypertrophic Cardiomyopathy** *BIOPHYSICAL JOURNAL*
Chuan, P., Sivaramakrishnan, S., Ashley, E. A., Spudich, J. A.
2012; 102 (12): 2782-2790
 - **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)
 - **Whole-Genome Sequencing in Personalized Therapeutics** *CLINICAL PHARMACOLOGY & THERAPEUTICS*
Cordero, P., Ashley, E. A.
2012; 91 (6): 1001-1009
 - **Systems-Based Approaches to Cardiovascular Biomarker Discovery** *CIRCULATION-CARDIOVASCULAR GENETICS*
Azuaje, F. J., Dewey, F. E., Brutsaert, D. L., Devaux, Y., Ashley, E. A., Wagner, D. R.
2012; 5 (3): 360-367
 - **Randomized Trial of Personal Genomics for Preventive Cardiology Design and Challenges** *CIRCULATION-CARDIOVASCULAR GENETICS*
Knowles, J. W., Assimes, T. L., Kiernan, M., Pavlovic, A., Goldstein, B. A., Yank, V., McConnell, M. V., Absher, D., Bustamante, C., Ashley, E. A., Ioannidis, J. P.
2012; 5 (3): 368-376
 - **Clopidogrel: A Case for Indication-Specific Pharmacogenetics** *CLINICAL PHARMACOLOGY & THERAPEUTICS*
Johnson, J. A., Roden, D. M., Lesko, L. J., Ashley, E., Klein, T. E., Shuldiner, A. R.
2012; 91 (5): 774-776

- **Patient-Specific Induced Pluripotent Stem Cells as a Model for Familial Dilated Cardiomyopathy** *SCIENCE TRANSLATIONAL MEDICINE*
Sun, N., Yazawa, M., Liu, J., Han, L., Sanchez-Freire, V., Abilez, O. J., Navarrete, E. G., Hu, S., Wang, L., Lee, A., Pavlovic, A., Lin, S., Chen, et al
2012; 4 (130)
- **The prognostic value of early repolarization with ST-segment elevation in African Americans** *HEART RHYTHM*
Perez, M. V., Uberoi, A., Jain, N. A., Ashley, E., Turakhia, M. P., Froelicher, V.
2012; 9 (4): 558-565
- **Independent Determinants of Septal Curvature in Patients with Pulmonary Arterial Hypertension**
Haddad, F., Denault, A. Y., Shkiri, M., Guihaire, J., Mercier, O., Gomari, F., Ashley, E., Fadel, E., Zamanian, R., Schnittger, I.
ELSEVIER SCIENCE INC.2012: S80
- **PROGNOSTIC IMPLICATIONS OF Q WAVES AND T WAVE INVERSION ASSOCIATED WITH EARLY REPOLARIZATION** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
Uberoi, A. (., Sallam, K., Perez, M., Jain, N. A., Ashley, E., Froelicher, V.
ELSEVIER SCIENCE INC.2012: E567–E567
- **Personal Omics Profiling Reveals Dynamic Molecular and Medical Phenotypes** *CELL*
Chen, R., Mias, G. I., Li-Pook-Than, J., Jiang, L., Lam, H. Y., Chen, R., Miriami, E., Karczewski, K. J., Hariharan, M., Dewey, F. E., Cheng, Y., Clark, M. J., Im, et al
2012; 148 (6): 1293-1307
- **DNA Sequencing Clinical Applications of New DNA Sequencing Technologies** *CIRCULATION*
Dewey, F. E., Pan, S., Wheeler, M. T., Quake, S. R., Ashley, E. A.
2012; 125 (7): 931-944
- **The relationship between minute ventilation and oxygen consumption in heart failure: Comparing peak VE/VO2 and the oxygen uptake efficiency slope** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Arena, R., Guazzi, M., Myers, J., Chase, P., Bensimhon, D., Cahalin, L. P., Peberdy, M., Ashley, E., West, E., Forman, D. E.
2012; 154 (3): 384–85
- **Performance comparison of whole-genome sequencing platforms** *NATURE BIOTECHNOLOGY*
Lam, H. Y., Clark, M. J., Chen, R., Chen, R., Natsoulis, G., O'Huallachain, M., Dewey, F. E., Habegger, L., Ashley, E. A., Gerstein, M. B., Butte, A. J., Ji, H. P., Snyder, et al
2012; 30 (1): 78-U118
- **Image-Based Functional Assay to Screen Therapies for Inherited Heart Disease.**
Simmons, C., Zaleta-Rivera, K. L., Ribeiro, A., Ashley, E., Pruitt, B. L.
AMER SOC CELL BIOLOGY.2012
- **Exercise oscillatory ventilation reflects diminished quality of life and perceived functional capacity in patients with heart failure** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Arena, R., Guazzi, M., Myers, J., Chase, P., Bensimhon, D., Cahalin, L., Peberdy, M. A., Ashley, E., West, E., Forman, D. E.
2011; 153 (2): 213-214
- **Personalized Medicine and Cardiovascular Disease: From Genome to Bedside** *CURRENT CARDIOVASCULAR RISK REPORTS*
Pan, S., Dewey, F. E., Perez, M. V., Knowles, J. W., Chen, R., Butte, A. J., Ashley, E. A.
2011; 5 (6): 542–51
- **Network Analysis Identifies the Orphan Receptor Tyrosine Kinase Ros1 as a Determinant of Glutathione Peroxidase-1 Mediated Vascular Remodeling** *Scientific Sessions of the American-Heart-Association/Resuscitation Science Symposium*
Ali, Z. A., Perez, V. D., Raiesdana, A., Leeper, N. J., Pan, S., Qu, X., Ali, A., Haghighat, R., Kato, K., Channon, K. M., Rabinovitch, M., Quertermous, T., Ashley, et al
LIPPINCOTT WILLIAMS & WILKINS.2011
- **Cardiovascular Magnetic Resonance Imaging Elucidates Genotype-Phenotype Relationships in Patients with Hypertrophic Cardiomyopathy** *Scientific Sessions of the American-Heart-Association/Resuscitation Science Symposium*
Heidary, S., Wheeler, M. T., Bennett, M. V., Chung, J., Pavlovic, A., Parent, M., Dash, R., McConnell, M. V., Ashley, E. A., Yang, P. C.
LIPPINCOTT WILLIAMS & WILKINS.2011

- **Patient-Specific Induced Pluripotent Stem Cell as a Model for Familial Dilated Cardiomyopathy** *Scientific Sessions of the American-Heart-Association/ Resuscitation Science Symposium*
Sun, N., Yazawa, M., Liu, J., Han, L., Sanchez-Freire, V., Hu, S., Ricardo, D., Butte, M., Ashley, E., Longaker, M., Robbins, R., Wu, J.
LIPPINCOTT WILLIAMS & WILKINS.2011
- **Early Repolarization in an Ambulatory Clinical Population** *CIRCULATION*
Uberoi, A., Jain, N. A., Perez, M., Weinkopff, A., Ashley, E., Hadley, D., Turakhia, M. P., Froelicher, V.
2011; 124 (20): 2208-2214
- **Insights from Network Analysis: Deficiency of Glutathione Peroxidase-1 Increases In-stent Stenosis** *23rd Annual Scientific Symposium of Transcatheter Cardiovascular Therapeutics (TCT)*
Ali, Z. A., Raiesdana, A., Qu, X., Patel, S., Keyghobadi, F., Saeed, A., Quertermous, T., Ashley, E.
ELSEVIER SCIENCE INC.2011: B122–B122
- **Phased Whole-Genome Genetic Risk in a Family Quartet Using a Major Allele Reference Sequence** *PLOS GENETICS*
Dewey, F. E., Chen, R., Cordero, S. P., Ormond, K. E., Caleshu, C., Karczewski, K. J., Whirl-Carrillo, M., Wheeler, M. T., Dudley, J. T., Byrnes, J. K., Cornejo, O. E., Knowles, J. W., Woon, et al
2011; 7 (9)
- **The Impact of ST Elevation on Athletic Screening** *CLINICAL JOURNAL OF SPORT MEDICINE*
Leo, T., Uberoi, A., Jain, N. A., Garza, D., Chowdhury, S., Freeman, J. V., Perez, M., Ashley, E., Froelicher, V.
2011; 21 (5): 433-440
- **Interpretation of the Electrocardiogram of Young Athletes** *CIRCULATION*
Uberoi, A., Stein, R., Perez, M. V., Freeman, J., Wheeler, M., Dewey, F., Peidro, R., Hadley, D., Drezner, J., Sharma, S., Pelliccia, A., Corrado, D., Niebauer, et al
2011; 124 (6): 746-757
- **Hearts From DCD Donors Display Acceptable Biventricular Function After Heart Transplantation in Pigs** *AMERICAN JOURNAL OF TRANSPLANTATION*
Ali, A. A., White, P., Xiang, B., Lin, H., Tsui, S. S., Ashley, E., LEE, T. W., Klein, J. R., Kumar, K., Arora, R. C., Large, S. R., Tian, G., Freed, et al
2011; 11 (8): 1621-1632
- **Modulation of atrial electrophysiology and oxidative stress by the endogenous peptide hormone apelin: implications in human atrial fibrillation**
Kim, Y. M., Sachedina, A., Singh, M. H., Ray, S., Zhang, L., Ruiz-Lozano, P., Verma, S., Casadei, B., Ashley, E. A., Backx, P. H.
OXFORD UNIV PRESS.2011: 941–942
- **Systems biology of heart failure, challenges and hopes** *CURRENT OPINION IN CARDIOLOGY*
Dewey, F. E., Wheeler, M. T., Ashley, E. A.
2011; 26 (4): 314-321
- **GENETIC DETERMINANTS OF DRAMATIC IMPROVEMENT IN LEFT VENTRICULAR FUNCTION IN PATIENTS WITH HEART FAILURE** *60th Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC) / I2 Summit / ACCF/Herman K. Gold Young Investigator's Award in Molecular and Cellular Cardiology*
Perez, M. V., Pavlovic, A., Wheeler, M. T., Dewey, F. E., Bernstein, D., Fowler, M. B., Robbins, R. C., Quertermous, T., Chan, K., Absher, D., Ho, M., Cretti, E., Southwick, et al
ELSEVIER SCIENCE INC.2011: E2041–E2041
- **MOLECULAR AUTOPSY FOR SUDDEN CARDIAC DEATH USING WHOLE GENOME SEQUENCING** *60th Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC) / I2 Summit / ACCF/Herman K. Gold Young Investigator's Award in Molecular and Cellular Cardiology*
Dewey, F. E., Wheeler, M. T., Cordero, S., Perez, M. V., Pavlovic, A., Pushkarev, D., Freeman, J. V., Quake, S. R., Ashley, E. A.
ELSEVIER SCIENCE INC.2011: E1159–E1159
- **PREVALENCE AND PATTERNS OF EARLY REPOLARIZATION** *60th Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC) / I2 Summit / ACCF/Herman K. Gold Young Investigator's Award in Molecular and Cellular Cardiology*
Leo, T., Uberoi, A., Chowdhury, S., Chan, K., Jain, N. A., Weinkopff, A., Freeman, J., Ashley, E., Froelicher, V.
ELSEVIER SCIENCE INC.2011: E124–E124
- **Hearts from DCD Donors Display Excellent Biventricular Function Following Transplantation** *31st Annual Meeting and Scientific Sessions of the International-Society-for-Heart-and-Lung-Transplantation (ISHLT)*
Ali, A. A., White, P., Xiang, B., Arora, R., Lee, T., Ashley, E., Large, S. R., Tian, G., Freed, D.
ELSEVIER SCIENCE INC.2011: S120–S121

- **Intracellular Calcium Handling in the Donor Heart: Comparison between DCD and Brainstem Dead (BSD) Donor Hearts**
Taghavi, F. J., Ali, A. A., Woods, C., Large, S. R., Ashley, E. A.
ELSEVIER SCIENCE INC.2011: S199
- **Genetic Analysis in Cardiovascular Disease A Clinical Perspective** *3rd International Conference on Women, Heart, Disease and Stroke*
Ho, E., Bhindi, R., Ashley, E. A., Figtree, G. A.
LIPPINCOTT WILLIAMS & WILKINS.2011: 81-89
- **The concept of ventricular reserve in heart failure and pulmonary hypertension: an old metric that brings us one step closer in our quest for prediction** *CURRENT OPINION IN CARDIOLOGY*
Haddad, F., Vrtovec, B., Ashley, E. A., Deschamps, A., Haddad, H., Denault, A. Y.
2011; 26 (2): 123-131
- **Gene Coexpression Network Topology of Cardiac Development, Hypertrophy, and Failure** *CIRCULATION-CARDIOVASCULAR GENETICS*
Dewey, F. E., Perez, M. V., Wheeler, M. T., Watt, C., Spin, J., Langfelder, P., Horvath, S., Hannenhalli, S., Cappola, T. P., Ashley, E. A.
2011; 4 (1): 26-U129
- **Insights into Human beta-Cardiac Myosin Function from Single Molecule and Single Cell Studies (vol 2, pg 426, 2009)** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
Sivaramakrishnan, S., Ashley, E., Leinwand, L., Spudich, J. A.
2011; 4 (1): 114
- **BMP promotes motility and represses growth of smooth muscle cells by activation of tandem Wnt pathways** *JOURNAL OF CELL BIOLOGY*
Perez, V. A., Ali, Z., Alastalo, T., Ikeno, F., Sawada, H., Lai, Y., Kleisli, T., Spiekerkoetter, E., Qu, X., Rubinos, L. H., Ashley, E., Amieva, M., Dedhar, et al
2011; 192 (1): 171-188
- **Drug Discovery in a Multidimensional World: Systems, Patterns, and Networks** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
Dudley, J. T., Schadt, E., Sirota, M., Butte, A. J., Ashley, E.
2010; 3 (5): 438-447
- **Clinical assessment incorporating a personal genome Reply** *LANCET*
Morgan, A. A., Chen, R., Butte, A. J., Ashley, E. A.
2010; 376 (9744): 869-870
- **Is stress cardiomyopathy the underlying cause of ventricular dysfunction associated with brain death?** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Berman, M., Ali, A., Ashley, E., Freed, D., Clarke, K., Tsui, S., Parameshwar, J., Large, S.
2010; 29 (9): 957-965
- **Chromatin regulation by Brg1 underlies heart muscle development and disease** *NATURE*
Hang, C. T., Yang, J., Han, P., Cheng, H., Shang, C., Ashley, E., Zhou, B., Chang, C.
2010; 466 (7302): 62-U74
- **THE RESUSCITATED NHBD HEART IS FUNCTIONALLY SUPERIOR TO THE BRAINSTEM DEAD DONOR HEART**
Ali, A., Fajardo, G., Tsuda, S., Budas, G., Ali, Z., Quertermous, T., Bernstein, D., Robbins, R., Fischbein, M., Large, S., Ashley, E.
WILEY-BLACKWELL.2010: 7
- **FUNCTIONAL AND METABOLIC RECOVERY OF THE RESUSCITATED NHBD HEART**
Ali, A., Xiang, B., Arora, R., White, P., Lee, T., Ashley, E., Large, S., Tian, G., Freed, D.
WILEY-BLACKWELL.2010: 7-7
- **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
- **Effect of Gender on Computerized Electrocardiogram Measurements in College Athletes** *PHYSICIAN AND SPORTSMEDICINE*
Mandic, S., Fonda, H., Dewey, F., Vy-van Le, Stein, R., Wheeler, M., Ashley, E. A., Myers, J., Froelicher, V. F.
2010; 38 (2): 156-164
- **Challenges in the clinical application of whole-genome sequencing** *LANCET*

- Ormond, K. E., Wheeler, M. T., Hudgins, L., Klein, T. E., Butte, A. J., Altman, R. B., Ashley, E. A., Greely, H. T.
2010; 375 (9727): 1749-1751
- **Measurement Precision in the Optimization of Cardiac Resynchronization Therapy** *CIRCULATION-HEART FAILURE*
Turcott, R. G., Witteles, R. M., Wang, P. J., Vagelos, R. H., Fowler, M. B., Ashley, E. A.
2010; 3 (3): 395-404
 - **Aldehyde dehydrogenase activator attenuates diabetic cardiomyopathy; a role in improving the quality of resident cardiac stem cells?**
Palaniyandi, S., Disatnik, M., Sun, L., Vishnumangalam, J., Xia, X., Pavlovic, A., Bhalla, V., Ashley, E., Mochly-Rosen, D.
FEDERATION AMER SOC EXP BIOL.2010
 - **Defining the Limits of Athlete's Heart Implications for Screening in Diverse Populations** *CIRCULATION*
Sedehi, D., Ashley, E. A.
2010; 121 (9): 1066-1068
 - **Cost-Effectiveness of Preparticipation Screening for Prevention of Sudden Cardiac Death in Young Athletes** *ANNALS OF INTERNAL MEDICINE*
Wheeler, M. T., Heidenreich, P. A., Froelicher, V. F., Hlatky, M. A., Ashley, E. A.
2010; 152 (5): 276-W91
 - **New insights for the diagnosis and management of right ventricular failure, from molecular imaging to targeted right ventricular therapy** *CURRENT OPINION IN CARDIOLOGY*
Haddad, F., Ashley, E., Michelakis, E. D.
2010; 25 (2): 131-140
 - **Addition of the Electrocardiogram to the Preparticipation Examination of College Athletes** *CLINICAL JOURNAL OF SPORT MEDICINE*
Le, V., Wheeler, M. T., Mandic, S., Dewey, F., Fonda, H., Perez, M., Sungar, G., Garza, D., Ashley, E. A., Matheson, G., Froelicher, V.
2010; 20 (2): 98-105
 - **Cardiac Resuscitation Following Circulatory Arrest in the Organ Donor Is Associated with Excellent Functional and Metabolic Recovery: Implications for Clinical Heart Transplantation** *30th Annual Meeting and Scientific Sessions of the International-Society-for-Heart-and-Lung-Transplantation*
Ali, A. A., Xiang, B., White, P., Tsui, S., Ashley, E., Large, S. R., LEE, T. W., Arora, R., Tian, G., Freed, D. H.
ELSEVIER SCIENCE INC.2010: S118-S118
 - **Bone Morphogenetic Protein Promotes Motility And Represses Proliferation Of Vascular Smooth Muscle Cells By Tandem Recruitment Of Canonical And Non-canonical Wnt Signaling Pathways**
Perez, v., Ali, Z., Alastalo, T., Sawada, H., Axelrod, J., Ashley, E., Rabinovitch, M.
AMER THORACIC SOC.2010
 - **A New Era in Clinical Genetic Testing for Hypertrophic Cardiomyopathy** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
Wheeler, M., Pavlovic, A., deGoma, E., Salisbury, H., Brown, C., Ashley, E. A.
2009; 2 (4): 381-391
 - **Adding an Electrocardiogram to the Pre-participation Examination in Competitive Athletes: A Systematic Review** *CURRENT PROBLEMS IN CARDIOLOGY*
Perez, M., Fonda, H., Le, V., Mitiku, T., Ray, J., Freeman, J. V., Ashley, E., Froelicher, V. F.
2009; 34 (12): 586-662
 - **Insights into Human beta-Cardiac Myosin Function from Single Molecule and Single Cell Studies** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
Sivaramakrishnan, S., Ashley, E., Leinwand, L., Spudich, J. A.
2009; 2 (4): 426-440
 - **Insights From Network Analysis: Deficiency of Glutathione Peroxidase-1 Increases In-stent Stenosis** *82nd National Conference and Exhibitions and Scientific Sessions of the American-Heart-Association*
Ali, Z., Raiesdana, A., Qu, X., Ali, A., Pavlovic, A., Wheeler, M., Channon, K., Quertermous, T., Ashley, E.
LIPPINCOTT WILLIAMS & WILKINS.2009: S1139-S1140
 - **Arterial Stent Deployment Results in a Time Dependent Increase in Neointima Formation and Delayed Endothelial Cell Repopulation Compared With Balloon Angioplasty**
Douglas, G., Van Kampen, E., Ali, Z., Qu, X., Ashley, E., Channon, K. M.
LIPPINCOTT WILLIAMS & WILKINS.2009: S1171

- **Outcomes of Septal Myectomy and Alcohol Septal Ablation for Obstructive Hypertrophic Cardiomyopathy: The Stanford Experience** *82nd National Conference and Exhibitions and Scientific Sessions of the American-Heart-Association*
Tibayan, Y., Sedehi, D., Chi, J., Pavlovic, A., Salisbury, H., Wheeler, M., Ho, M. Y., Sgroi, M., Kim, Y., Tibayan, F. A., Reitz, B. A., Robbins, R. C., Lee, et al
LIPPINCOTT WILLIAMS & WILKINS.2009: S864-S864
- **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
- **The Medical Device Safety Act of 2009: Clarifying Preemption** *AMERICAN JOURNAL OF THERAPEUTICS*
Turcott, R. G., Ashley, E. A.
2009; 16 (6): 471-474
- **Electrocardiographic predictors of atrial fibrillation** *AMERICAN HEART JOURNAL*
Perez, M. V., Dewey, F. E., Marcus, R., Ashley, E. A., Al-Ahmad, A. A., Wang, P. J., Froelicher, V. F.
2009; 158 (4): 622-628
- **Re: A prospective randomized evaluation of VV delay optimization in CRT-D recipients: echocardiographic observations from the RHYTHM II ICD study.** *Pacing and clinical electrophysiology : PACE*
Turcott, R. G., Das, A. K., Ashley, E. A.
2009; 32 (10): 1360-1361
- **Mechanisms of exercise intolerance in patients with hypertrophic cardiomyopathy** *AMERICAN HEART JOURNAL*
Le, V., Perez, M. V., Wheeler, M. T., Myers, J., Schnittger, I., Ashley, E. A.
2009; 158 (3): E27-E34
- **The ageing athlete: screening prior to vigorous exertion in asymptomatic adults without known cardiovascular disease** *BRITISH JOURNAL OF SPORTS MEDICINE*
Freeman, J., Froelicher, V., Ashley, E.
2009; 43 (9): 696-701
- **THE RESUSCITATED DECEASED DONOR HEART IS FUNCTIONALLY SUPERIOR TO THE BRAINSTEM DEAD DONOR HEART**
Ali, A. A., Fajardo, G., Tsuda, S., Budas, G., Ali, Z., Quertermous, T., Bernstein, D., Tsui, S., Robbins, R., Fischbein, M., Large, S., Ashley, E.
WILEY-BLACKWELL PUBLISHING, INC.2009: 138
- **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
- **Should the exercise ECG be used to screen for sudden cardiac death?** *EUROPEAN HEART JOURNAL*
Freeman, J., Ashley, E. A., Froelicher, V.
2009; 30 (5): 528-529
- **Statin Use and Ventricular Arrhythmias During Clinical Treadmill Testing** *JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY*
Dewey, F. E., Perez, M., Hadley, D., Freeman, J. V., Wang, P., Ashley, E. A., Myers, J., Froelicher, V. F.
2009; 20 (2): 193-199
- **A general framework for dose optimization.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
Turcott, R. G., Sagreiya, H., Ashley, E. A., Altman, R. B., Das, A. K.
2009; 2009: 656-660
- **Age and Double Product (Systolic Blood Pressure x Heart Rate) Reserve-Adjusted Modification of the Duke Treadmill Score Nomogram in Men** *AMERICAN JOURNAL OF CARDIOLOGY*
Rafie, A. H., Dewey, F. E., Sungar, G. W., Ashley, E. A., Hadley, D., Myers, J., Froelicher, V. F.
2008; 102 (10): 1407-1412
- **Addition of the Electrocardiogram to the Pre-participation Examination of College Athletes** *81st Annual Scientific Session of the American-Heart-Association*
Le, V., Dewey, F., Perez, M., Wheeler, M., Mandic, S., Sungar, G., Ashley, E., Matheson, G., Froelicher, V.

LIPPINCOTT WILLIAMS & WILKINS.2008: S835–S835

- **Age and Double Product Reserve-Adjusted Modification of the Duke Treadmill Score Nomogram**
Rafie, A., Dewey, F. E., Sungar, G. W., Ashley, E. A., Hadley, D., Myers, J., Froelicher, V. F.
LIPPINCOTT WILLIAMS & WILKINS.2008: S681
- **Cost-Effectiveness Analysis Demonstrates Superiority of Screening Young Athletes with 12-Lead Electrocardiogram versus History and Physical in Preventing Sudden Cardiac Death**
Wheeler, M. T., Heidenreich, P. A., Froelicher, V. F., Hlatky, M. A., Ashley, E. A.
LIPPINCOTT WILLIAMS & WILKINS.2008: S1163
- **Left Atrial Volume and E/E' Ratio are Most Predictive of Exercise Capacity in Hypertrophic Cardiomyopathy** *81st Annual Scientific Session of the American-Heart-Association*
Le, V., Perez, M., Wheeler, M., Schnittger, I., Ashley, E.
LIPPINCOTT WILLIAMS & WILKINS.2008: S641–S641
- **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
- **Progressive dyspnea after CABG: Complication of retained epicardial pacing wires** *ANNALS OF THORACIC SURGERY*
Hornig, G. S., Ashley, E., Balsam, L., Reitz, B., Zamanian, R. T.
2008; 86 (4): 1352-1354
- **Low-dose growth hormone is cardioprotective in uremia** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
Rabkin, R., Awwad, I., Chen, Y., Ashley, E. A., Sun, D., Sood, S., Clusin, W., Heidenreich, P., Piecha, G., Gross, M.
2008; 19 (9): 1774-1783
- **Evaluation of Polymorphisms in Candidate Genes in the Dramatic Response to Pharmacologic Therapy of Heart Failure** *Basic Cardiovascular Sciences Conference*
Wheeler, M. T., Pavlovic, A., Dewey, F., Perez, M., Absher, D., Ho, M. Y., Cretti, E., Southwick, A., Rosenthal, D. N., Bernstein, D., Myers, R. M., Heidenreich, P. A., Fowler, et al
LIPPINCOTT WILLIAMS & WILKINS.2008: E64–E65
- **Reevaluating Dogma: Recapitulation of Fetal Gene Expression Programs in Heart Failure** *Basic Cardiovascular Sciences Conference*
Dewey, F. E., Perez, M. V., Wheeler, M. T., Ashley, E. A.
LIPPINCOTT WILLIAMS & WILKINS.2008: E64–E64
- **Overrepresentation of neuronal development pathways in heart failure patients who dramatically responded to pharmaceutical therapy** *12th Annual Scientific Meeting of the Heart-Failure-Society-of-America*
Pavlovic, A., Perez, M., Absher, D., Wheeler, M., Ho, M., Dewey, R., Cretti, L., Southwick, A., Rosenthal, D., Bernstein, D., Myers, R. M., Heidenreich, P., Fowler, et al
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2008: S41–S41
- **Impedance cardiography is superior to echocardiographic methods for pacing interval optimization**
Turcott, R. G., Witteles, R. M., Wang, P. J., Vagelos, R. H., Fowler, M. B., Ashley, E. A.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2008: S65
- **Statistical methods for AV/VV optimization**
Turcott, R. G., Ashley, E. A.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2008: S65
- **Genetics of Arrhythmia: Disease Pathways Beyond Ion Channels** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
Perez, M. V., Wheeler, M., Ho, M., Pavlovic, A., Wang, P., Ashley, E. A.
2008; 1 (2): 155-165
- **Does size matter? Clinical applications of scaling cardiac size and function for body size** *CIRCULATION*
Dewey, F. E., Rosenthal, D., Murphy, D. J., Froelicher, V. F., Ashley, E. A.
2008; 117 (17): 2279-2287

- **Statin therapy and exercise induced ventricular arrhythmias** *57th Annual Scientific Session of the American-College-of-Cardiology*
Dewey, F. E., Perez, M., Hadley, D., Sungar, G., Wang, P., Myers, J., Ashley, E. A., Froelicher, V. F.
ELSEVIER SCIENCE INC.2008: A174–A174
- **Enhancing the Duke Treadmill Score**
Rafie, A., Sungar, G. W., Dewey, F. E., Ashley, E. A., Hadley, D., Myers, J., Froelicher, V. F.
ELSEVIER SCIENCE INC.2008: A175–A176
- **Independent AV/VV pacing optimization requires operation along mechanical AV delay isochrones**
Turcott, R. G., Witteles, R., Wang, P. J., Ashley, E. A.
ELSEVIER SCIENCE INC.2008: A21
- **Pharmacogenetics of Heart Failure: Evidence, Opportunities, and Challenges for Cardiovascular Pharmacogenomics** *JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH*
Wheeler, M. T., Ho, M., Knowles, J. W., Pavlovic, A., Ashley, E. A.
2008; 1 (1): 25-36
- **Ventricular arrhythmias during clinical treadmill testing and prognosis** *ARCHIVES OF INTERNAL MEDICINE*
Dewey, F. E., Kapoor, J. R., Williains, R. S., Lipinski, M. J., Ashley, E. A., Hadley, D., Myers, J., Froelicher, V. F.
2008; 168 (2): 225-234
- **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
- **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
- **The cardioregulatory peptide apelin is preferentially expressed by endothelial cells and upregulated in myocardial disease states** *80th Annual Scientific Session of the American-Heart-Association (AHA)*
Kundu, R. K., Sheikh, A. Y., Ho, M. Y., Chun, H. J., Huynh, D. T., Ali, Z. A., Ransohoff, K. J., Connolly, A. J., Ashley, E. A., Robbins, R. C., Quertermous, T.
LIPPINCOTT WILLIAMS & WILKINS.2007: 295–95
- **Apelin potently inhibits angiotensin and disease induced superoxide generation and associated vascular remodeling in vein grafts**
Ali, Z. A., Kojima, Y., Sheikh, A. Y., Ashley, E. A., Quertermous, T.
LIPPINCOTT WILLIAMS & WILKINS.2007: 446
- **Emerging role of the apelin system in cardiovascular homeostasis** *BIOMARKERS IN MEDICINE*
Chong, K. S., Gardner, R. S., Ashley, E. A., Dargie, H. J., McDonagh, T. A.
2007; 1 (1): 37-43
- **Magnetic resonance imaging of progressive cardiomyopathic changes in the db/db mouse** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
Yue, P., Arai, T., Terashima, M., Sheikh, A. Y., Cao, F., Charo, D., Hoyt, G., Robbins, R. C., Ashley, E. A., Wu, J., Yang, P. C., Tsao, P. S.
2007; 292 (5): H2106-H2118
- **Do premature ventricular contractions during exercise have the same prognostic value as those during recovery?** *56th Annual Scientific Session of the American-College-of-Cardiology*
Kapoor, J. R., Williams, R. S., Hadley, D., Myers, J., Ashley, E., Froelicher, V. F., Dewey, F. E.
ELSEVIER SCIENCE INC.2007: 111A–111A
- **Prognostic value of heart rate increase at onset of exercise testing** *CIRCULATION*
Leeper, N. J., Dewey, F. E., Ashley, E. A., Sandri, M., Tan, S. Y., Hadley, D., Myers, J., Froelicher, V.
2007; 115 (4): 468-474
- **Emerging therapies for the management of decompensated heart failure - From bench to bedside** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
DeGoma, E. M., Vagelos, R. H., Fowler, M. B., Ashley, E. A.

2006; 48 (12): 2397-2409

- **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
- **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
- **Apelin regulates cardiac contractility and rescues neurohormonal heart failure** *79th Annual Scientific Session of the American-Heart-Association*
Ernst, K. V., Ashley, E. A., Charo, D., Kawana, M., Fajardo, G., Bernstein, D., Quertermous, T.
LIPPINCOTT WILLIAMS & WILKINS.2006: 66-66
- **Long-term apelin infusion rescues chronic cardiomyopathy and potentiates the effects of ACE-inhibition**
Sista, R. R., Sheikh, A. Y., Robbins, R. C., Quertermous, T., Ashley, E. A.
LIPPINCOTT WILLIAMS & WILKINS.2006: 486
- **Perioperative cardiac risk: pathophysiology, assessment and management.** *Expert review of cardiovascular therapy*
Sista, R. R., Ernst, K. V., Ashley, E. A.
2006; 4 (5): 731-743
- **Angiotensin-converting enzyme genotype predicts cardiac and autonomic responses to prolonged exercise** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Ashley, E. A., Kardos, A., Jack, E. S., Habenbacher, W., Wheeler, M., Kim, Y. M., Froning, J., Myers, J., Whyte, G., Froelicher, V., Douglas, P.
2006; 48 (3): 523-531
- **Long-term apelin infusion rescues chronic cardiomyopathy and potentiates the effects of ACE-inhibition**
Sista, R. R., Sheikh, A. Y., Robbins, R. C., Quertermous, T., Ashley, E. A.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2006: S3
- **Biological effects of the novel peptide apelin are uniquely suited to the treatment of acute heart failure** *28th Congress of the European-Society-of-Cardiology/ World Congress of Cardiology*
Ashley, E., Charo, D., Ernst, K., Chen, M., Fajardo, G., Kawana, M., Bernstein, D., Quertermous, T.
OXFORD UNIV PRESS.2006: 854-854
- **Apelin regulates cardiac contractility and rescues neurohormonal heart failure** *10th Annual Scientific Meeting of the Heart-Failure-Society-of-America*
Ernst, K. V., Ashley, E. A., Charo, D., Kawana, M., Fajardo, G., Bernstein, D., Quertermous, T.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2006: S1-S1
- **Plasma concentrations of the novel peptide apelin are decreased in patients with chronic heart failure** *EUROPEAN JOURNAL OF HEART FAILURE*
Chong, K. S., Gardner, R. S., Morton, J. J., Ashley, E. A., McDonagh, T. A.
2006; 8 (4): 355-360
- **Genomic analysis of human atherectomy specimens predicts superior performance of sirolimus eluting stents**
Ashley, E., Ferrara, R., King, J. Y., He, X. M., Gerckens, U., Vailaya, A., Kuchinsky, A., Soito, A., Tabibiazar, R., Spin, J., Simpson, J. B., Grube, E., Quertermous, et al
ELSEVIER SCIENCE INC.2006: 9B
- **Apelin deficient mice exhibit decreased cardiac contractility, peak oxygen consumption, and exercise capacity: Evidence that apelin is an important endogenous inotrope**
Charo, D. N., Ashley, E. A., Sheikh, A. Y., Chen, M., Finsterbach, T., Robbins, R. C., Bernstein, D., Quertermous, T.
LIPPINCOTT WILLIAMS & WILKINS.2005: U323
- **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
- **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
- **Preoperative cardiac evaluation: mechanisms, assessment, and reduction of risk.** *Thoracic surgery clinics*
Ashley, E. A., Vagelos, R. H.
2005; 15 (2): 263-275
 - **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
 - **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
 - **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
 - **Prognostic value of corrected JT and QT intervals** *77th Scientific Meeting of the American-Heart-Association*
Engel, G., Yamazaki, T., Ashley, E. A., Wang, P., Froelicher, V. F.
LIPPINCOTT WILLIAMS & WILKINS.2004: 623-23
 - **The cardiovascular regulator apelin is an angiogenic factor in vivo**
Kundu, R. K., Eichhorn, J., Chen, M., Ho, Y. D., Ashley, E., Varner, J., Kuo, C., Quertermous, T.
LIPPINCOTT WILLIAMS & WILKINS.2004: 173
 - **Electrocardiographic arrhythmia risk testing** *CURRENT PROBLEMS IN CARDIOLOGY*
Engel, G., Beckerman, J. G., Froelicher, V. F., Yamazaki, T., Chen, H. A., Richardson, K., McAuley, R. J., Ashley, E. A., Chun, S., Wang, P. J.
2004; 29 (7): 365-432
 - **Nitric oxide control of cardiac function: is neuronal nitric oxide synthase a key component?** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
Sears, C. E., Ashley, E. A., Casadei, B.
2004; 359 (1446): 1021-1044
 - **Cardiology Explained** ISBN: 1901346226
2004
 - **Hemodynamic effects of apelin in mice: Initial characterization of a potential inotropic agent**
Mahajan, R., Agrawal, R., Patterson, A. J., Ashley, E., Thomas, Q.
LIPPINCOTT WILLIAMS & WILKINS.2003: A32
 - **Better decisions through science: Exercise testing scores** *CURRENT PROBLEMS IN CARDIOLOGY*
Froelicher, Shetler, K., Ashley, E.
2003; 28 (11): 589-620
 - **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
 - **Cardiac neuronal nitric oxide synthase isoform regulates myocardial contraction and calcium handling** *75th Annual Scientific Session of the American-Heart-Association*
Sears, C. E., Bryant, S. M., Ashley, E. A., Lygate, C. A., Rakovic, S., Wallis, H. L., Neubauer, S., Terrar, D. A., Casadei, B.
LIPPINCOTT WILLIAMS & WILKINS.2003: E52-E59

- **Exercise testing scores as an example of better decisions through science** *MEDICINE AND SCIENCE IN SPORTS AND EXERCISE*
Ashley, E., Myers, J., Froelicher, V.
2002; 34 (8): 1391-1398
- **Cardiac nitric oxide synthase 1 regulates basal and beta-adrenergic contractility in murine ventricular myocytes** *CIRCULATION*
Ashley, E. A., Sears, C. E., Bryant, S. M., Watkins, H. C., Casadei, B.
2002; 105 (25): 3011-3016
- **Diagnosing coronary artery disease in diabetic patients** *DIABETES-METABOLISM RESEARCH AND REVIEWS*
Ashley, E. A., Raxwal, V., Finlay, M., Froelicher, V.
2002; 18 (3): 201-208
- **Better decisions through science: Exercise testing scores** *PROGRESS IN CARDIOVASCULAR DISEASES*
Froelicher, V., Shetler, K., Ashley, E.
2002; 44 (5): 395-414
- **An evidence-based review of the resting electrocardiogram as a screening technique for heart disease** *PROGRESS IN CARDIOVASCULAR DISEASES*
Ashley, E. A., Raxwal, V., Froelicher, V.
2001; 44 (1): 55-67
- **Sex, the heart, and sildenafil.** *Current problems in cardiology*
Alloggiamento, T., Zipp, C., Raxwal, V. K., Ashley, E., Dey, S., LEVINE, S., Froelicher, V. F.
2001; 26 (6): 388-415
- **The post myocardial infarction exercise test: still worthy after all of these years** *EUROPEAN HEART JOURNAL*
Ashley, E. A., Froelicher, V.
2001; 22 (4): 273-276
- **Exercise testing in clinical medicine** *LANCET*
Ashley, E. A., Myers, J., Froelicher, V.
2000; 356 (9241): 1592-1597
- **Computer applications in the interpretation of the exercise electrocardiogram** *SPORTS MEDICINE*
Ashley, E. A., Froelicher, V. F.
2000; 30 (4): 231-248
- **Medical education - beyond tomorrow? The new doctor - Asclepiad or Logiatros?** *MEDICAL EDUCATION*
Ashley, E. A.
2000; 34 (6): 455-459
- **The prevalence and prognostic significance of electrocardiographic abnormalities** *CURRENT PROBLEMS IN CARDIOLOGY*
Ashley, E. A., Raxwal, V. K., Froelicher, V. F.
2000; 25 (1): 7-72
- **The prevalence and prognostic significance of electrocardiographic abnormalities.** *Current problems in cardiology*
Ashley, E. A., Raxwal, V. K., Froelicher, V. F.
2000; 25 (1): 1-72
- **Dangerous curves - A perspective on exercise, lactate, and the anaerobic threshold** *CHEST*
Myers, J., Ashley, E.
1997; 111 (3): 787-795
- **Hormonal responses to graded-resistance, PES-assisted strength training in spinal cord-injured** *SPINAL CORD*
Wheeler, G. D., Ashley, E. A., Harber, V., Laskin, J. J., OLENIK, L. M., Sloley, D., Burnham, R., Steadward, R. D., Cumming, D. C.
1996; 34 (5): 264-267
- **EVIDENCE OF AUTONOMIC DYSREFLEXIA DURING FUNCTIONAL ELECTRICAL-STIMULATION IN INDIVIDUALS WITH SPINAL-CORD INJURIES** *PARAPLEGIA*
Ashley, E. A., Laskin, J. J., OLENIK, L. M., Burnham, R., Steadward, R. D., Cumming, D. C., Wheeler, G. D.
1993; 31 (9): 593-605

- **ELECTRICAL STIMULATION-ASSISTED ROWING EXERCISE IN SPINAL-CORD INJURED PEOPLE - A PILOT-STUDY** *PARAPLEGIA*
Laskin, J. J., Ashley, E. A., OLENIK, L. M., Burnham, R., Cumming, D. C., Steadward, R. D., Wheeler, G. D.
1993; 31 (8): 534-541