Editorial

Ankyrin-B Defects: Serendipity and Inquisitiveness are the Mothers of Invention

Henry Duff, MD; Robert S. Sheldon, MD, PhD

Original Articles

Osteoprotegerin Disruption Attenuates HySu-Induced Pulmonary Hypertension Through Integrin αβ3/FAK/AKT Pathway Suppression

Daile Jia, MD; Qian Zhu, MD; Huan Liu, MD; Caojian Zuo, MD; Yuhu He, MD; Guolin Chen, BSc; Ankang Lu, MD, PhD

Novel Variant in the ANK2 Membrane-Binding Domain Is Associated With Ankyrin-B Syndrome and Structural Heart Disease in a First Nations Population With a High Rate of Long QT Syndrome

Leigh Anne Swayne, PhD; Nathaniel P. Murphy, BSc; Sirisha Asuri, PhD; Lena Chen, BSc; Xiaoxue Xu, BSc; Sarah McIntosh, MSc; Chao Wang, PhD; Peter J. Lancione, BS; Jason D. Roberts, MD; Charles Kerr, MD; Shubhayan Sanatani, MD; Elizabeth Sherwin, MD; Crystal F. Kline, PhD; Mingjie Zhang, PhD; Peter J. Mohler, PhD; Laura T. Arbour, MD

Hyaluronidase 2 Deficiency Causes Increased Mesenchymal Cells, Congenital Heart Defects, and Heart Failure

Biswajit Chowdhury, PhD; Bo Xiang, DMD; Michelle Liu, MD; Richard Hemming, PhD; Vernon W. Dolinsky, PhD; Barbara Triggs-Raine, PhD

Effect of Metformin on Metabolites and Relation With Myocardial Infarct Size and Left Ventricular Ejection Fraction After Myocardial Infarction

Ruben N. Eppinga, MD; Daniel Kofink, MSc; Robin P.F. Dullaart, MD, PhD; Geertje W. Dalmeijer, PhD; Erik Lipsic, MD, PhD; Dirk J. van Veldhuisen, MD, PhD; Iwan C.C. van der Horst, MD, PhD; Folkert W. Asselbergs, MD, PhD; Pim van der Harst, MD, PhD

The Long Noncoding RNA Landscape of the Ischemic Human Left Ventricle

Louis A. Saddic, MD, PhD; Martin I. Sigurdsson, MD, PhD; Tzuu-Wang Chang, PhD; Erica Mazaika, BS, MS; Mahyar Heydarpour, PhD; Stanton K. Shernan, MD; Christine E. Seidman, MD; Jon G. Seidman, PhD; Sary F. Aranki, MD; Simon C. Body, MBChB, MPH; Jochen D. Muehlschlegel, MD, MMSc

Functional Validation of a Common Nonsynonymous Coding Variant in ZC3HC1 Associated With Protection From Coronary Artery Disease

Tara Linseman, MSc; Sébastien Soubeyrand, PhD; Amy Martinuk, MSc; Majid Nikpay, PhD; Paulina Lau, MSc; Ruth McPherson, MD, PhD
Epigenetic Patterns in Blood Associated With Lipid Traits Predict Incident Coronary Heart Disease Events and Are Enriched for Results From Genome-Wide Association Studies
Åsa K. Hedman, PhD; Michael M. Mendelson, MD; Riccardo E. Marioni, PhD; Stefan Gustafsson, PhD; Roby Joehanes, PhD; Marguerite R. Irvin, PhD; Degui Zhi, PhD; Johanna K. Sandling, PhD; Chen Yao, PhD; Chunyu Liu, PhD; Liming Liang, PhD; Tianxiao Huan, PhD; Allan F. McRae, PhD; Serkalem Demissie, PhD; Sonia Shah, PhD; John M. Starr, MD, PhD; L. Adrienne Cupples, PhD; Panos Deloukas, PhD; Timothy D. Spector, MD; Johan Sundström, MD, PhD; Ronald M. Krauss, MD; Donna K. Arnett, PhD; Ian J. Deary, PhD; Lars Lind, MD, PhD; Daniel Levy, MD; Erik Ingelsson, MD, PhD

Genome-Wide Prioritization and Transcriptomics Reveal Novel Signatures Associated With Thiazide Diuretics Blood Pressure Response
Mohamed H. Shahin, MS, PhD; Ana C. Sá, MS; Any Webb, PhD; Yan Gong, PhD; Taimour Langæe, PhD; Caitrin W. McDonough, PhD; Alberto Riva, PhD; Amber L. Beitleshees, PharmD, MPH; Arlene B. Chapman, MD; John G. Gums, PharmD; Stephen T. Turner, MD; Eric Boerwinkle, PhD; Steven E. Scherer, PhD; Wolfgang Sadee, PhD; Rhonda M. Cooper-DeHoff, PharmD, MS; Julie A. Johnson, PharmD

Inflammatory Biomarkers Predict Heart Failure Severity and Prognosis in Patients With Heart Failure With Preserved Ejection Fraction: A Holistic Proteomic Approach
Camilla Hage, RN, PhD; Erik Michaëlsson, PhD; Cecilia Linde, MD, PhD; Erwan Donal, MD, PhD; Jean-Claude Daubert, MD, PhD; Li-Ming Gan, MD, PhD; Lars H. Lund, MD, PhD

Application of Whole Exome Sequencing in the Clinical Diagnosis and Management of Inherited Cardiovascular Diseases in Adults
Sara B. Seidelmann, MD, PhD; Emily Smith, MS; Lakshman Subrahmanyan, MD; Daniel Dykas, MS; Maen D. Abou Ziki, MD; Bani Azari, MD, PhD; Fady Hannah-Shmouni, MD; Yuexin Jiang, MD, PhD; Joseph G. Akar, MD, PhD; Mark Marieb, MD; Daniel Jacoby, MD; Allen E. Bale, MD; Richard P. Lifton, MD, PhD; Arya Mani, MD

Genetic Insurance Discrimination in Sudden Arrhythmia Death Syndromes: Empirical Evidence From a Cross-Sectional Survey in North America
Saira Mohammed, MSc; Zaneta Lim, MD; Paige H. Dean, BSc; James E. Potts, PhD; Jessica N.C. Tang, BSc; Susan P. Etheridge, MD; Alice Lara, BSN; Pam Husband, BA; Elizabeth D. Sherwin, MD; Michael J. Ackerman, MD, PhD; Shubhayan Sanatani, MD