Original Articles

Burden of Recurrent and Ancestral Mutations in Families With Hypertrophic Cardiomyopathy
Samantha Barratt Ross, BMedSci; Richard D. Bagnall, PhD; Jodie Ingle, GradDipGenCouns, PhD, MPH; J. Peter Van Tintelen, MD, PhD; Christopher Sensmarian, MBBS, PhD, MPH ..................................................... e001671

Association Between Mutation Size and Cardiac Involvement in Myotonic Dystrophy Type 1: An Analysis of the DM1-Heart Registry
Caroline Chong-Nguyen, MD; Karim Wahbi, MD, PhD; Vincent Algalarrondo, MD, PhD; Henri Marc Bécanè, MD; Hélène Radvanyi-Hoffman, MD, PhD; Pauline Arnaud, PharmD; Denis Furling, MD, PhD; Arnaud Lazaur, MD; Guillaume Bassez, MD, PhD; Anthony Béhin, MD; Abdullah Fayssoil, MD, PhD; Pascal Laforêt, MD, PhD; Tanya Stojkovic, MD; Bruno Eymard, MD, PhD; Denis Duboc, MD, PhD ................................................................. e001526

Editorial: Repeats and Survival in Myotonic Dystrophy Type 1
Matthew T. Wheeler, MD, PhD .......................................................... e001783

Genome-Wide Association Studies and Meta-Analyses for Congenital Heart Defects
A. J. Agopian, PhD; Elizabeth Goldmuntz, MD; Hakon Hakonarson, MD, PhD; Anshuman Sewda, MPH; Deanne Taylor, PhD; Laura E. Mitchell, PhD; Pediatric Cardiac Genomics Consortium .......................... e001449

Editorial: Genetics of Congenital Heart Disease: Is the Glass Now Half-Full?
Linda Leatherbury, MD; Charles I. Berul, MD .............................................. e001746

Prediction of Adulthood Obesity Using Genetic and Childhood Clinical Risk Factors in the Cardiovascular Risk in Young Finns Study
Fatemeh Seyedsavarrollah, MSc; Johanna Mäkelä, PhD; Niina Pitkänen, PhD; Markus Juonala, MD, PhD; Nina Nutri-Kähönen, PhD; Terho Lehtimäki, PhD; Jorma Viikari, MD, PhD; Tanaka Kelly, PhD; Changwe Li, PhD; Lydia Bazzano, PhD; Laura L. Elo, PhD; Olli T. Raitakari, MD, PhD .............................. e001554

Prediction of Adult Dyslipidemia Using Genetic and Childhood Clinical Risk Factors: The Cardiovascular Risk in Young Finns Study
Joel Nuotio, MD; Niina Pitkänen, PhD; Costan G. Magnusson, PhD; Marie-Jeanne Buscot, MSc; Mikko S. Venäläinen, MSc; Laura L. Elo, PhD; Eero Jokinen, MD, PhD; Tomi Laitinen, MD, PhD; Leena Taattonen, MD, PhD; Nina Nutri-Kähönen, MD, PhD; Leo-Pekka Lyytikäinen, MD; Terho Lehtimäki, PhD; Jorma S. Viikari, MD, PhD; Markus Juonala, MD, PhD; Olli T. Raitakari, MD, PhD ...................... e001604

Editorial: Translating Polygenic Analysis for Prevention: From Who to How
Daniel W. Belsky, PhD ................................................................. e001798

Multiancestry Study of Gene–Lifestyle Interactions for Cardiovascular Traits in 610,475 Individuals From 124 Cohorts: Design and Rationale
D. C. Rao, PhD; Yun J. Sung, PhD; Thomas W. Winkler, PhD; Karen Schwander, MS; Ingrid Borecki, PhD; L. Adrienne Cupples, PhD; W. James Gauderman, PhD; Kenneth Rice, PhD; Patricia B. Munroe, PhD; Bruce M. Psaty, MD, PhD; on behalf of the CHARGE Gene-Lifestyle Interactions Working Group .... e001649

Editorial: Genes, Environment, and the Heart: Putting the Pieces Together
Edwin P. Kirk, MB BS, PhD ................................................................. e001764

Familial Analysis of Epistatic and Sex-Dependent Association of Genes of the Renin–Angiotensin–Aldosterone System and Blood Pressure
Katrina J. Scurrah, PhD; Angela Lamantia, BAppSc; Justine A. Ellis, PhD; Stephen B. Harrap, PhD .......................... e001595

Editorial: Gene Team in Blood Pressure Genetics
Brian J. Morris, DSc, PhD ................................................................. e001776
Genetic Testing in the Evaluation of Unexplained Cardiac Arrest: From the CASPER (Cardiac Arrest Survivors With Preserved Ejection Fraction Registry)
Greg Mellor, MD; Zachary W.M. Laksman, MD; Rafik Tadros, MD, PhD; Jason D. Roberts, MD; Brenda Gerull, MD; Christopher S. Simpson, MD; George J. Klein, MD; Jean Champagne, MD; Mario Talajic, MD; Martin Gardner, MD; Christian Steinberg, MD; Laura Arbouë, MD; David H. Birnie, MD; Paul Angaran, MD; Richard Leather, MD; Shubhayan Sanatani, MD; Vijay S. Chauhan, MD; Colette Seifer, MB; Jeffrey S. Healey, MD; Andrew D. Krah, MD

Editorial: Genetic Causes in Cardiac Arrest Survivors: Fake News or the Real Deal?
Christopher Semsarian, MBBS, PhD, MPH; Arthur A.M. Wilde, MD

Whole Exome Sequencing Identifies Truncating Variants in Nuclear Envelope Genes in Patients With Cardiovascular Disease
Gloria T. Haskell, PhD; Brian C. Jensen, MD; Leigh Ann Samsa, PhD; Daniel Marchuk, BS; Wei Huang, BS; Cecile Skrzynia, MS; Christian Tilley, BS; Bryce A. Seifert, PhD; Edgar A. Rivera-Muñoz, BS; Beverly Koller, PhD; Kirk C. Wilhelmsen, MD, PhD; Jiantong Liu, PhD; Hassan Alhosaini, MD; Karen E. Weck, MD; James P. Evans, MD, PhD; Jonathan S. Berg, MD; David H. Birnie, MD; Paul Angaran, MD; Richard Leather, MD; Shubhayan Sanatani, MD; Vijay S. Chauhan, MD; Colette Seifer, MB; Jeffrey S. Healey, MD; Andrew D. Krah, MD

Editorial: The Missing LINC for Genetic Cardiovascular Disease?
Megan J. Puckelwartz, PhD

Associations of Age and Sex With Marfan Phenotype: The National Heart, Lung, and Blood Institute GenTAC (Genetically Triggered Thoracic Aortic Aneurysms and Cardiovascular Conditions) Registry
Mary J. Roman, MD; Richard B. Devereux, MD; Liliana R. Preiss, MS; Federico M. Asch, MD; Kim A. Eagle, MD; Kathryn W. Holmes, MD, MPH; Scott A. LeMaire, MD; Cheryl L. Maslen, PhD; Dianna M. Milewicz, MD, PhD; Shaine A. Morris, MD, MPH; Siddharth K. Prakash, MD, PhD; Reed E. Pyeritz, MD, PhD; William J. Ravekes, MD; Ralph V. Shohet, MD; Howard K. Song, MD, PhD; Jonathan W. Weinsaft, MD; for the GenTAC Investigators

Editorial: Marfan Syndrome: Always Evolving
Guillaume Jondeau, MD, PhD; Catherine Boileau, PhD; Olivier Milleron, MD

CPT1A Missense Mutation Associated With Fatty Acid Metabolism and Reduced Height in Greenlanders
Line Skotte, PhD; Anders Koch, MD, PhD; Victor Yakimov, MSc; Sirui Zhou, MSc; Bolette Søborg, MD, PhD; Mikael Andersson, MSc; Sascha W. Michelsen, MD, PhD; Johan E. Navne, MD, PhD; Jacqueline M. Mistry, MS; Patrick A. Dion, PhD; Michael L. Pedersen, MD, PhD; Malene L. Børresen, MD, PhD; Guy A. Rouleau, MD, PhD; Frank Geller, MSc; Mads Melbye, MD, DMSc; Bjarke Feenstra, PhD

Editorial: Metabolic Anthropology: Selection Pressure Shapes Fatty Acid Metabolism in Greenlandic Inuit Populations
Robert W. McGarrah, MD

Genome-Wide Dynamics of Nascent Noncoding RNA Transcription in Porcine Heart After Myocardial Infarction
Minna U. Kaikkonen, PhD; Paolo Balboni, BMed; Oscar Hsin-Fu Liu, MSc; Tia A. Turunen, PhD; Juho Pajula, BMed; Pierre Moreau, MSc; Ilakya Selvarajan, MSc; Tomi Tuomainen, MSc; Einari Aavik, PhD; Pasi Tavi, PhD; Seppo Ylä-Herttuala, MD, PhD

Editorial: Dark Side of the Deep Heart
Chiara Cencioni, PhD; Francesco Spallotta, PhD; Carlo Gaetano, MD

Advances in Genetics

Ancestry, Telomere Length, and Atherosclerosis Risk
Athanase Benetos, MD, PhD; Abraham Aviv, MD

Clinical Genomic Cases

Use of Clinical Exome Sequencing in Isolated Congenital Heart Disease
Laura Zahavich, MSc; Sarah Bowdin, MD; Seema Mital, MD
The online version of this article, along with updated information and services, is located on the World Wide Web at:

http://circgenetics.ahajournals.org/content/10/3

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published in Circulation: Cardiovascular Genetics can be obtained via RightsLink, a service of the Copyright Clearance Center, not the Editorial Office. Once the online version of the published article for which permission is being requested is located, click Request Permissions in the middle column of the Web page under Services. Further information about this process is available in the Permissions and Rights Question and Answer document.

Reprints: Information about reprints can be found online at:
http://www.lww.com/reprints

Subscriptions: Information about subscribing to Circulation: Cardiovascular Genetics is online at:
http://circgenetics.ahajournals.org//subscriptions/