Editorials

Skin–Heart Connection: What Can the Epidermis Tell Us About the Myocardium in Arrhythmogenic Cardiomyopathy? p 225

Fractal Dimension of Hypertrophic Cardiomyopathy Trabeculation: A Window to an Unpredictable Future? p 228

Original Articles

Truncating Plakophilin-2 Mutations in Arrhythmogenic Cardiomyopathy Are Associated With Protein Haploinsufficiency in Both Myocardium and Epidermis p 230

Abnormal Cardiac Formation in Hypertrophic Cardiomyopathy: Fractal Analysis of Trabeculae and Preclinical Gene Expression p 241

A Mutation Causing Brugada Syndrome Identifies a Mechanism for Altered Autonomic and Oxidant Regulation of Cardiac Sodium Currents p 249

A Point Mutation in Myh10 Causes Major Defects in Heart Development and Body Wall Closure p 257

Mechanical Unloading Promotes Myocardial Energy Recovery in Human Heart Failure p 266

Cytochrome P450 Gene Variants, Race, and Mortality Among Clopidogrel-Treated Patients After Acute Myocardial Infarction p 277

Genome-Wide Association Study Identifies Variants in Casein Kinase II (CSNK2A2) to be Associated With Leukocyte Telomere Length in a Punjabi Sikh Diabetic Cohort p 287

Familial Transmission of Venous Thromboembolism: A Cohort Study of 80214 Swedish Adoptees Linked to Their Biological and Adoptive Parents p 296

Lipoprotein(a) Levels, Genotype, and Incident Aortic Valve Stenosis: A Prospective Mendelian Randomization Study and Replication in a Case–Control Cohort p 304

Induction of MicroRNA-21 With Exogenous Hydrogen Sulfide Attenuates Myocardial Ischemic and Inflammatory Injury in Mice p 311

Genome-Wide Association Study of Plasma N6 Polysaturated Fatty Acids Within the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium p 321

The CHARGE Targeted Sequencing Study

Following-Up Genome-Wide Association Study Signals: Lessons Learned From Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study p 332

Strategies to Design and Analyze Targeted Sequencing Data: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study p 335

Sequence Variation in TMEM18 in Association With Body Mass Index: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study p 344

ADAM19 and HTR4 Variants and Pulmonary Function: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study p 350

Sequencing of 2 Subclinical Atherosclerosis Candidate Regions in 3669 Individuals: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study p 359

Sequencing of SCN5A Identifies Rare and Common Variants Associated With Cardiac Conduction: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study p 365

Association of Levels of Fasting Glucose and Insulin With Rare Variants at the Chromosome 11p11.2-MADD Locus: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study p 374

Advances in Genetics

Genetics of Ischemic Stroke in Young Adults p 383

Cardiovascular Genetics: A News Round-Up

MicroRNA Therapy for the Failing Heart p 383

Obesity Genetics and Epigenetics: Dissecting Causality p 395