THE GENETICS OF HEART & VASCULAR DISEASE

October 28-29, 2016 • Amelia Island, Florida

Course Directors
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COURSE DESCRIPTION:
This 1 ½ day CME course is to have experts in the field of cardiovascular genetics detail the important role of genetics in the diagnosis, risk stratification, and treatment of diseases affecting the heart and the blood vessels.
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COURSE LEARNING OBJECTIVES:
• Realize the probabilistic nature of genetic testing and develop a strategy to manage the variant of uncertain significance (VUS) test result
• Identify the role of genetic testing in the diagnosis and pathophysiology of the heritable cardiomyopathies, channelopathies, and aortopathies
• Define genetic markers of atherosclerosis and their role in risk stratification of coronary artery disease
• Identify the genetic basis of heritable causes of the hyperlipidemias and implications for prevention and familial screening
• Understand the role of inheritance in cardiovascular drug response and to utilize genetics to minimize adverse events and maximize drug efficacy

INTENDED AUDIENCE:
This course is intended for pediatric and adult cardiologists, internists, primary care providers, and nurse practitioners with special interest in the management of patients with CVD, pediatric and adult cardiology trainees, and genetic counselors with an interest in cardiology.