FRAME OF REFERENCE

Perspective
Address to the Incoming US President
Nancy Brown

Paths To Discovery
Discovering and Developing Successful Cardiovascular Therapeutics: A Conversation With
James N. Topper, MD, PhD
James N. Topper, MD, PhD; John D. Rutherford, MB ChB, FRACP

ORIGINAL RESEARCH ARTICLES

Cardiac Mortality Among 200,000 Five-Year Survivors of Cancer Diagnosed at 15 to 39 Years of Age: The Teenage and Young Adult Cancer Survivor Study
Katherine E. Henson, DPhil; Raoul C. Reulen, PhD; David L. Winter, HNC; Chloe J. Bright, MSc; Miranda M. Fidler, PhD; Clare Frobisher, PhD; Joyeeta Guha, PhD; Kwok F. Wong, PhD; Julie Kelly; Angela B. Edgar, MD; Martin G. McCabe, MD, PhD; Jeremy Whelan, MD, MBBS; David J. Cutter, DPhil; Sarah C. Darby, PhD; Mike M. Hawkins, DPhil

Assessment of the European Society of Cardiology 0-Hour/1-Hour Algorithm to Rule-Out and Rule-In Acute Myocardial Infarction
John W. Pickering, PhD; Jaimi H. Greenslade, PhD; Louise Cullen, PhD; Dylan Flaws, MBBS, MSc; William Parsonage, MBBS, DM; Sally Aldous, MBBS, PhD; Peter George, MBBS; Andrew Worster, MD, MSc; Peter A. Kavsak, PhD; Martin P. Than, MBBS

Editorial
Ruling-In Myocardial Injury and Ruling-Out Myocardial Infarction With the European Society of Cardiology 1-Hour Algorithm
Allan S. Jaffe, MD; Harvey White, MB, ChB, DSc

Congenital Heart Defects and Indices of Placental and Fetal Growth in a Nationwide Study of 924,422 Liveborn Infants
Niels B. Matthiesen, MD, PhD; Tine B. Henriksen, MD, PhD; Peter Agergaard, MD, PhD; J. William Gaynor, MD; Cathrine C. Bach, MD, PhD; Vibeke E. Hjortdal, MD, PhD; John R. Østergaard, MD, DMSc

Mechanical Stress Conditioning and Electrical Stimulation Promote Contractility and Force Maturation of Induced Pluripotent Stem Cell-Derived Human Cardiac Tissue
Jia-Ling Ruan, PhD; Nathaniel L. Tulloch, MD, PhD; Maria V. Razumova, PhD; Mark Saiget, BS; Veronica Muskheli, MS; Lil Pabon, PhD; Hans Reinecke, PhD; Michael Regnier, PhD; Charles E. Murty, MD, PhD

The Cost-Effectiveness of Antibiotic Prophylaxis for Patients at Risk of Infective Endocarditis
Matthew Franklin, PhD; Allan Wailoo, PhD; Mark J. Dayer, MBBS, PhD; Simon Jones, PhD; Bernard Prendergast, DM; Larry M. Baddour, MD; Peter B. Lockhart, DDS; Martin H. Thornhill, MBBS, BDS, PhD

On the Cover: Circulation Doodle
This month’s doodle is in honor of the AHA’s Scientific Sessions in New Orleans.
For more information about the doodle, go to http://circ.ahajournals.org/content/circulation-cover-doodle.
STATE OF THE ART

In Depth
Aspirin for Primary Cardiovascular Risk Prevention and Beyond in Diabetes Mellitus
Davide Capodanno, MD, PhD; Dominick J. Angiolillo, MD, PhD 1579

CLINICAL STATEMENTS AND GUIDELINES

AHA Scientific Statement
Vascular Graft Infections, Mycotic Aneurysms, and Endovascular Infections: A Scientific Statement From the American Heart Association
Walter R. Wilson, MD, Chair; Thomas C. Bower, MD; Mark A. Creager, MD, FAHA; Sepideh Amin-Hanjani, MD, FAHA; Patrick T. O’Gara, MD, FAHA; Peter B. Lockhart, DDS; Rabih O. Darouiche, MD; Basel Ramlawi, MD; Colin P. Derdeyn, MD, FAHA; Ann F. Bolger, MD, FAHA; Matthew E. Levison, MD; Kathryn A. Taubert, PhD, FAHA; Robert S. Baltimore, MD; Larry M. Baddour, MD, FAHA; On behalf of the American Heart Association Committee on Rheumatic Fever, Endocarditis, and Kawasaki Disease of the Council on Cardiovascular Disease in the Young; Council on Cardiovascular and Stroke Nursing; Council on Cardiovascular Radiology and Intervention; Council on Cardiovascular Surgery and Anesthesia; Council on Peripheral Vascular Disease; and Stroke Council e412

CORRESPONDENCE

Research Letter
Association Between Emergency Department Closure and Treatment, Access, and Health Outcomes Among Patients With Acute Myocardial Infarction
Yu-Chu Shen, PhD; Renee Y. Hsia, MD, MSc 1595

Correspondence
Letter by Kothari Regarding Article, “Tropical Endomyocardial Fibrosis: Natural History, Challenges, and Perspectives”
Shyam S. Kothari, MD e461

Response by Grimaldi et al to Letter Regarding Article, “Tropical Endomyocardial Fibrosis: Natural History, Challenges, and Perspectives”
Antonio Grimaldi, MD; Ana-Olga Mocumbi, MD, PhD; Kumar Narayanan, MD; Eloi Marjion, MD, PhD e463

Letter by Gallucci and Storto Regarding Article, “Vascular Toxicities of Cancer Therapies: The Old and the New—An Evolving Avenue”
Giuseppina Gallucci, MD; Giovanni Storto, MD e464

Response by Herrmann et al to Letter Regarding Article, “Vascular Toxicities of Cancer Therapies: The Old and the New—An Evolving Avenue”
Joerg Herrmann, MD; Eric H. Yang, MD; Cezar Iliescu, MD; Konstantinos Marmagkiolis, MD e466