FRAME OF REFERENCE

Editor’s Page
Reflections of the Editor-in-Chief
Joseph A. Hill, MD, PhD

Perspective
Charting Our Future Together: Turning Discovery Science Into Cardiovascular Health
Gary H. Gibbons, MD

ORIGINAL RESEARCH ARTICLES

Particulate Matter Exposure and Stress Hormone Levels: A Randomized, Double-Blind, Crossover Trial of Air Purification
Huichu Li, MS; Jing Cai, PhD; Renjie Chen, PhD; Zhuohui Zhao, PhD; Zhekang Ying, PhD; Lin Wang, PhD; Jianmin Chen, PhD; Ke Hao, ScD; Patrick L. Kinney, ScD; Honglei Chen, MD, PhD; Haidong Kan, MD, PhD

Editorial
“Stressed” About Air Pollution: Time for Personal Action
Robert D. Brook, MD; Sanjay Rajagopalan, MD

Predictors and Association With Clinical Outcomes of the Changes in Exercise Capacity After Transcatheter Aortic Valve Replacement
Omar Abdul-Jawad Altisent, MD; Rishi Puri, MBBS, PhD; Ander Regueiro, MD; Chekrallah Chamandi, MD; Tania Rodriguez-Gabella, MD; Maria del Trigo, MD; Francisco Campelo-Parada, MD; Thomas Couture, MS; Josep Ramon Marsal, MSc; Melanie Côté, MSc; Jean-Michel Paradis, MD; Robert Delarochellière, MD; Daniel Doyle, MD; Siamak Mohammadi, MD; Eric Dumont, MD; Josep Rodés-Cabau, MD

Editorial
Walking as a Window to Risk and Resiliency
Karen P. Alexander, MD

Potent Thrombolytic Effect of N-Acetylcysteine on Arterial Thrombi
Sara Martinez de Lizarrondo, PhD; Clément Gakuba, MD, PhD; Bradley A. Herbig, PhD; Yohann Repessé, PhD; Carine Ali, PhD; Cécile V. Denis, PhD; Peter J. Lenting, PhD; Emmanuel Touzé, MD, PhD; Scott L. Diamond, PhD; Denis Vivien, PhD; Maxime Gauberti, PhD

Editorial
Thrombolytic Potential of N-Acetylcysteine: Evidence for Significant Benefit in Mitigating Arterial Thrombosis
David Lillicrap, MD

Plasminogen Activator Inhibitor Type I Controls Cardiomyocyte Transforming Growth Factor-β and Cardiac Fibrosis
Panagiotis Flevaris, MD, PhD; Safiya S. Khan, MD, MS; Mesut Eren, PhD; Adam J. T. Schuldt, MD, PhD; Sanjiv J. Shah, MD; Daniel C. Lee, MD; Sweta Gupta, MD, MS; Amy D. Shapiro, MD; Paul W. Burridge, PhD; Asish K. Ghosh, PhD; Douglas E. Vaughan, MD

On the Cover: Circulation Doodle
This month’s doodle is in honor of the Perseid Meteor Shower, which will be at its peak on August 12 and 13. For more information about the doodle, go to http://circ.ahajournals.org/content/circulation-cover-doodle.
STATE OF THE ART

Consensus Report

Cardiomyocyte Regeneration: A Consensus Statement 680

Thomas Eschenhagen, MD; Roberto Bolli, MD; Thomas Braun, MD; Loren J. Field, PhD; Bernd K. Fleischmann, MD; Jonas Frisén, MD, PhD; Mauro Giacca, MD, PhD; Joshua M. Hare, MD; Steven Houser, PhD; Richard T. Lee, MD; Eduardo Marbán, MD; James F. Martin, MD, PhD; Jeffery D. Molkentin, PhD; Charles E. Murry, MD, PhD; Paul R. Riley, PhD; Pilar Ruiz-Lozano, PhD; Hesham A. Sadek, MD, PhD; Mark A. Sussman, PhD; Joseph A. Hill, MD, PhD

THE PULSE

Highlights From Major Meetings

Eleventh Oriental Congress of Cardiology 687

Junbo Ge, MD

Cardiology News

From the Literature 689

Tracy Hampton, PhD

CASES AND TRACES

ECG Challenge


Miguel Fiol-Sala, MD; Antonio Bayés de Luna, MD

CORRESPONDENCE

Letter by Rowshani et al Regarding Article, “Gene Expression Profiling for the Identification and Classification of Antibody-Mediated Heart Rejection” 694

Ajda T. Rowshani, MD, PhD; Kadir Caliskan, MD, PhD; Jan H. von der Thüsen, MD, PhD

Letter by Moayedi et al Regarding Article, “Gene Expression Profiling for the Identification and Classification of Antibody-Mediated Heart Rejection” 696

Yasbanoo Moayedi, MD; Juan Duero Posada, MD; Mosaad Alhussein, MD; Heather Joan Ross, MD, MHSc

Response by Loupy et al to Letters Regarding Article, “Gene Expression Profiling for the Identification and Classification of Antibody-Mediated Heart Rejection” 698

Alexandre Loupy, MD, PhD; Luis Hidalgo, PhD; Jean Paul Duong, MD, PhD; Patrick Bruneval, MD, PhD; Xavier Jouven, MD, PhD; Philip F. Halloran, MD, PhD

POLICY STATEMENTS

AHA Policy Statement

American Heart Association’s Call to Action for Payment and Delivery System Reform e162

Vincent J. Bufalino, MD, FAHA, Chair; Scott A. Berkowitz, MD, MBA; Timothy J. Gardner, MD, FAHA; Ileana L. Piña, MD, MPH, FAHA; Madeleine Konig, MPH; On behalf of the AHA Expert Panel on Payment and Delivery System Reform