

ACCF/AHA/CDC CONFERENCE REPORT

ACCF/AHA/CDC Conference Report on Emerging Infectious Diseases and Biological Terrorism Threats*

The Clinical and Public Health Implications for the Prevention and Control of Cardiovascular Diseases

**Writing/
Steering
Committee
Members**

George A. Mensah, MD, FACC, FAHA,
Augustus O. Grant, MB, ChB, PhD, FACC,
FAHA,
Carl J. Pepine, MD, MACC, FAHA,
Conference Co-Chairs

Larry M. Baddour, MD
Leslie T. Cooper, Jr, MD, FACC, FAHA
Sandra B. Dunbar, RN, DSN, FAAN, FAHA
Erika S. Froelicher, RN, MA, MPH, PhD,
FAHA
Kurt J. Greenlund, PhD
Edward L. Kaplan, MD, FAHA
Robert A. Kloner, MD, PhD, FACC, FAHA

Darwin R. Labarthe, MD, MPH, PhD, FAHA
Russell V. Luepker, MD, MS, FACC, FAHA
Mohammad Madjid, MD
James E. Muller, MD, FACC, FAHA
Siobhán O'Connor, MD, MPH
Joseph P. Ornato, MD, FACC, FACP,
FACEP, FAHA
Rose Marie Robertson, MD, FACC, FAHA
Michael J. Roy, MD, MPH, FACP
Prediman K. Shah, MD, FACC
Kathryn A. Taubert, PhD, FAHA
Walter R. Wilson, MD
Zhi-Jie Zheng, MD, PhD

**ACCF
Task
Force
on Clinical
Expert
Consensus
Documents**

Robert A. Harrington, MD, FACC, *Chair*

Jonathan Abrams, MD, FACC‡
Jeffrey L. Anderson, MD, FACC
Eric R. Bates, MD, FACC
Mark J. Eisenberg, MD, MPH, FACC
Cindy L. Grines, MD, FACC
Mark A. Hlatky, MD, FACC
Robert C. Lichtenberg, MD, FACC
Jonathan R. Lindner, MD, FACC

Gerald M. Pohost, MD, FACC, FAHA
Richard S. Schofield, MD, FACC
Samuel J. Shubrooks, Jr, MD, FACC
James H. Stein, MD, FACC
Cynthia M. Tracy, MD, FACC
Robert A. Vogel, MD, FACC†
Deborah J. Wesley, RN, BSN

†Immediate Past Chair; ‡Former Task Force Member during writing effort

**The findings and conclusions in this report are those of the Conference participants and do not necessarily reflect the official position of the American College of Cardiology Foundation, the American Heart Association, and the Centers for Disease Control and Prevention*

This document was approved by the American Heart Association Scientific Advisory Coordinating Committee in February 2007. The American College of Cardiology Foundation Board of Trustees does not require approval of consensus conference reports. See formal policy stated above.

When citing this document, the American College of Cardiology and the American Heart Association would appreciate the following citation format: Mensah GA, Grant AO, Pepine CJ, et al. ACCF/AHA/CDC conference report on emerging infectious diseases and biological terrorism threats: the clinical and public health implications for the prevention and control of cardiovascular diseases. *J Am Coll Cardiol* 2007;49:1373-412.

This article has been copublished in the March 27, 2007, issue of *Circulation*.

This document is available on the World Wide Web sites of the American College of Cardiology (www.acc.org), the American Heart Association (www.americanheart.org), and the Centers for Disease Control and Prevention (www.cdc.gov/mmwr/). For copies of this document, please contact Elsevier Inc. Reprint Department, fax (212) 633-3820, e-mail reprints@elsevier.com.

Permissions: Modification, alteration, enhancement and/or distribution of this document are not permitted without the express permission of the American Heart Association. Instructions for obtaining permission are located at http://www.americanheart.org/presenter.jhtml?identifier_4431. A link to the "Permission Request Form" appears on the right side of the page.

Participants/Authors

- LARRY M. BADDOUR, MD
Infectious Disease Society of America Representative
Professor of Medicine
Mayo Clinic College of Medicine
200 First Street SW
Rochester, MN 55905
- JEAN CHABUT, BSN, MPH
Deputy Director, Public Health Administration
Michigan Department of Community Health
Capitol View Building
201 Townsend
Lansing, MI 48913
- LESLIE T. COOPER, JR, MD, FACC, FAHA
Professor of Medicine
Mayo Clinic College of Medicine
Consultant, Cardiovascular Diseases
Mayo Clinic
200 First Street SW
Rochester, MN 55906
- HAROLD COX
Chief Public Health Officer
Cambridge Department of Health
119 Windsor Street
Cambridge, MA 02139
- SANDRA B. DUNBAR, RN, DSN, FAAN,
FAHA
American Nurses Association Representative
Emory University
School of Nursing
1520 Clifton Road
Atlanta, GA 30322
- ERIKA S. FROELICHER, RN, MA, MPH,
PhD, FAHA
Professor, Department of Physiological Nursing
Department of Epidemiology & Biostatistics
UCSF School of Nursing & Medicine
2 Koret Way, Room N631K
San Francisco, CA 94143-0610
- AUGUSTUS O. GRANT, MB, ChB, PhD,
FACC, FAHA
Duke University Medical Center
Box 3504
Durham, NC 27702-3504
- KURT J. GREENLUND, PhD
Division for Heart Disease and Stroke Prevention
Centers for Disease Control and Prevention
4770 Buford Hwy. NE, Mailstop K-47
Atlanta, GA 30341-3717
- EDWARD L. KAPLAN, MD, FAHA
American Academy of Pediatrics Representative
Infectious Disease Society of America Representative
University of Minnesota Medical School
SE MMC 296
420 Delaware Street SE
Minneapolis, MN 55455-0374
- ROBERT A. KLONER, MD, PhD, FACC,
FAHA
Professor of Medicine
Keck School of Medicine at the University of
Southern California
Director of Research, Heart Institute
Good Samaritan Hospital
Heart Institute
1225 Wilshire Boulevard
Los Angeles, CA 90017-2395
- B. WAINE KONG, PhD, JD
Association of Black Cardiologists Representative
Chief Executive Officer
Association of Black Cardiologists, Inc.
5355 Hunter Road
Atlanta, GA 30349
- DARWIN R. LABARTHE, MD, MPH, PhD,
FAHA
Director, Division for Heart Disease and Stroke
Prevention
National Center for Chronic Disease Prevention
and Health Promotion
CDC and Prevention
4770 Buford Highway NE, Mailstop K-47
Atlanta, GA 30341-3717
- RUSSELL V. LUEPKER, MD, MS, FACC,
FAHA
American College of Physicians Representative
University of Minnesota
Div of Epidemiology, Dept of Medicine
1300 S Second St., Suite 300
Minneapolis, MN 55454-1087
- MOHAMMAD MADJID, MD
University of Texas Health Science Center at
Houston and Texas Heart Institute
6770 Bertner Avenue, MC2-255
Houston, TX 77030
- GEORGE A. MENSAH, MD, FACC, FAHA
Chief Medical Officer
National Center for Chronic Disease
Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, GA 30341-3717
- *JAMES E. MULLER, MD, FACC, FAHA
Director, Clinical Research, Cardiology Division
MGH and Harvard Medical School
CIMIT
400 Charles River Plaza, Suite 400
Boston, MA 02114
- SIOBHÁN O'CONNOR, MD, MPH
Coordinating Center for Infectious Diseases
Centers for Disease Control and Prevention
1600 Clifton Road, NE Mail Stop G-37
Atlanta, GA 30333
- JOSEPH P. ORNATO, MD, FACC, FACP,
FACEP, FAHA
American College of Emergency Physicians
Representative
Professor and Chair
Department of Emergency Medicine
VA Commonwealth Univ Health System
P.O. Box 980525 401 N
12th Street, Room G-248
Richmond, VA 29298-0525
- CARL J. PEPINE, MD, MACC, FAHA
Professor and Chief, Division of Cardiovascular
Medicine
University of Florida College of Medicine
6308 SW 37th Way
Gainesville, FL 32608-5105
- ELIZABETH M. PUCKETT
Division of Public Health/DHHS
1915 Mail Service Center
Raleigh, NC 27699-1915
- ROSE MARIE ROBERTSON, MD, FACC,
FAHA
Chief Science Officer
American Heart Association
7272 Greenville Avenue
Dallas, TX 75231-5123
- MICHAEL J. ROY, MD, MPH, FACP
American Medical Association Representative
Director, Division of Military Internal Medicine
Uniformed Services University of the Health Science
Department of Medicine
Bethesda, MD 20814
- RAMONA DAWN SCHAEFFER
Director, Chronic Disease Prevention Program
109 Governor Street, 10th Floor
Richmond, VA 23219
- PREDIMAN K. SHAH, MD, FACC
Director, Division of Cardiology
Cedars-Sinai Medical Center
Division of Cardiology
8700 Beverly Boulevard, Room 5531
Los Angeles, CA 90048-1804
- GEORGE SOPKO, MD
National Heart, Lung, and Blood Institutes
Representative
National Institutes of Health
6701 Rockledge Drive
Bethesda, MD 20817-1813
- KATHRYN A. TAUBERT, PhD, FAHA
Senior Scientist
American Heart Association
7272 Greenville Avenue
Dallas, TX 75231-5123
- WALTER R. WILSON, MD
Infectious Disease Society of America Representative
American College of Physicians Representative
Mayo Clinic
200 First Street SW
Rochester, MN 55905
- †ZHI-JIE ZHENG, MD, PhD
Lead Epidemiologist
Division for Heart Disease and Stroke
Prevention
Centers for Disease Control and Prevention
Atlanta, GA 30341-3717

*Dr. Muller is now CEO, InfraReDx Inc., Burlington, MA 01803. †Dr. Zheng is now with the National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD 20824.

Staff

AMERICAN COLLEGE OF CARDIOLOGY FOUNDATION

John C. Lewin, MD, Chief Executive Officer
 Thomas E. Arend, Jr, Esq., Chief Operating Officer
 Lisa Bradfield, Associate Director, Clinical Policy and Documents
 Erin A. Barrett, Specialist, Clinical Policy and Documents
 Peg Christiansen, Librarian

AMERICAN HEART ASSOCIATION

M. Cass Wheeler, Chief Executive Officer
 Rose Marie Robertson, MD, FACC, FAHA, Chief Science Officer
 Kathryn A. Taubert, PhD, FAHA, Senior Science Advisor

APPENDIX 1. ACCF/AHA/CDC CONSENSUS CONFERENCE REPORT ON EMERGING INFECTIOUS DISEASES AND BIOLOGICAL TERRORISM THREATS—PARTICIPANTS' RELATIONSHIPS WITH INDUSTRY

Name	Consulting Fees/ Honoraria	Speaker's Bureau	Ownership/ Partnership/ Principal	Research Grants	Institutional or Other Financial Benefit	Expert Witness or Consultant
Dr. Larry M. Baddour	None	None	None	None	• Mayo Clinic	None
Ms. Jean Chabut	None	None	None	None	None	None
Dr. Leslie T. Cooper, Jr.	• Acambis*	None	None	None	None	None
Mr. Harold Cox	None	None	None	None	None	None
Ms. Sandra B. Dunbar	None	None	None	None	None	None
Dr. Erika S. Froelicher	None	None	None	None	None	None
Dr. Augustus O. Grant	None	None	None	None	None	None
Dr. Kurt J. Greenlund	None	None	None	None	None	None
Dr. Edward L. Kaplan	None	None	None	None	None	None
Dr. Robert A. Kloner	• Pfizer Inc.†	• Pfizer Inc.†	None	None	None	None
Dr. B. Waine Kong	None	None	None	None	None	None
Dr. Darwin R. Labarthe	None	None	None	None	None	None
Dr. Russell V. Luepker	None	None	None	None	None	None
Dr. Mohammad Madjid	• Hoffman-LaRoche Inc.*	None	None	• Hoffman-LaRoche Inc.* • Pfizer Inc.†	None	None
Dr. George A. Mensah	None	None	None	None	None	None
Dr. James E. Muller	None	None	• InfraReDx Inc.	None	None	None
Dr. Siobhán O'Connor	None	None	None	None	None	None
Dr. Joseph P. Ornato	None	None	None	None	None	None
Ms. Elizabeth M. Puckett	None	None	None	None	None	None
Dr. Carl J. Pepine	None	None	None	None	None	None
Dr. Rose Marie Robertson	None	• Merck Science Advisory Board‡	None	None	None	None
Dr. Michael J. Roy	None	None	None	None	None	None
Ms. Ramona Dawn Schaeffer	None	None	None	None	None	None
Dr. Prediman K. Shah	None	None	None	None	None	None
Dr. George Sopko	None	None	None	None	None	None
Dr. Kathryn A. Taubert	None	None	None	None	None	None
Dr. Walter R. Wilson	None	None	None	None	None	None
Dr. Zhi-Jie Zheng	None	None	None	None	None	None

This table represents the relationships of members with industry that were reported in writing at the consensus conference. It does not necessarily reflect relationships with industry at the time of publication.
 *Indicates modest-level relationship (\$10,000 or less); †indicates significant-level relationship (more than \$10,000); ‡indicates spousal relationship.