

CIRCULATION

110
SUPP
OCT 26
2004
17

RC 681
.A1 C5
Set 1

Vol 110, No 17, October 26, 2004
ISSN 0009-7322
<http://circ.ahajournals.org>

SUPPLEMENT TO

American Heart
Association®



Learn and LiveSM

Circulation

JOURNAL OF THE AMERICAN HEART ASSOCIATION

Abstracts
from

scientific
sessions
2004

Sessions: November 7–10
Exhibits: November 7–9
New Orleans, Louisiana
scientificsessions.org



basic science



clinical science



population science

Named and Invited Lectures 2004

2004 Russell Ross Memorial Lectureship in Vascular Biology • 2004 George Lyman Duff Memorial Lecture • 2004 Sol Sherry Distinguished Lecture in Thrombosis • 2004 Thomas W. Smith Memorial Lecture • 2004 George E. Brown Memorial Lecture • 2004 Dickinson W. Richards Memorial Lecture • 2004 Katharine A. Lembright Award • 2004 William W. L. Glenn Lecture • 2004 William J. Rashkind Memorial Lecture • 2004 T. Duckett Jones Memorial Lecture • 2004 Charles T. Dotter Memorial Lecture • 2004 Laennec Society Lecture • 2004 Ancel Keys Lecture • 2004 Lewis K. Dahl Memorial Lecture • 2004 Robert I. Levy Endowed Lecture in Lipid Metabolism

New and Young Investigator Award/Prize Abstract Finalists

Lewis N. and Arnold M. Katz Basic Science Research Prize for Young Investigators • Melvin L. Marcus Young Investigator Awards in Cardiovascular Science • Cournand and Comroe Young Investigators Prizes in Cardiopulmonary and Critical Care • Outstanding Research Award in Pediatric Cardiology • Melvin Judkins Young Investigator Award in Cardiovascular Radiology • Vivian Thomas Young Investigator Award • Martha N. Hill New Investigator Awards • Elizabeth Barrett-Connor Research Award in Epidemiology and Prevention for Investigators in Training • Samuel A. Levine Young Clinical Investigator Awards • Laennec Society Young Clinician Award • NPAM New Investigator Award

Abstracts From the Scientific Sessions 2004

Approved in over 64 countries worldwide!

with proven safety

as an adjunct to diet for many patients with dyslipidemia

Proven safety similar to other leading statins³

- Adverse reactions were **mild and transient**; incidence and discontinuation rates similar to placebo and other statins^{3,4}
- The most frequent adverse events were myalgia (3.3%), constipation (1.4%), asthenia (1.3%), abdominal pain (1.3%), and nausea (1.3%)^{3,5}

CRESTOR was evaluated in over 10,000 patients in preapproval clinical trials—more than any other statin prior to approval^{4,6-11}

Overall, more than 42,000 patients have taken CRESTOR in clinical trials, including ongoing trials in the GALAXY™ Program¹²

- The GALAXY Program is a large, comprehensive, long-term evolving global research initiative evaluating the efficacy and safety of CRESTOR and demonstrating the AstraZeneca confidence in, and commitment to, this important therapeutic option

It is recommended that liver function tests be performed before and at 12 weeks following both the initiation of therapy and any elevation of dose, and periodically (eg, semiannually) thereafter.

The effect of CRESTOR on cardiovascular morbidity and mortality has not been determined; long-term outcome studies are currently under way.

Please see brief summary of full Prescribing Information on reverse side of this advertisement.



CRESTOR[®]
rosuvastatin calcium

Supplement to Circulation

Volume 110 Number 17 October 26, 2004

Abstracts From Scientific Sessions 2004 Morial Convention Center New Orleans, Louisiana November 7–10, 2004

Named and Invited Lectures

2004 Russell Ross Memorial Lectureship in Vascular Biology <i>Garret A. FitzGerald, MD</i>	III-A
2004 George Lyman Duff Memorial Lecture <i>Henry N. Ginsberg, MD</i>	III-A
2004 Sol Sherry Distinguished Lecture in Thrombosis <i>Denisa D. Wagner, PhD</i>	III-A
2004 Thomas W. Smith Memorial Lecture <i>Donald M. Bers, PhD</i>	III-B
2004 George E. Brown Memorial Lecture <i>David A. Kass, MD, FAHA</i>	III-B
2004 Dickinson W. Richards Memorial Lecture <i>Kenneth Weir, MD, FAHA</i>	III-C
2004 Katharine A. Lembright Award <i>Diane M. Becker, RN, MPH, ScD, FAHA</i>	III-C
2004 William W. L. Glenn Lecture <i>Timothy Gardner, MD</i>	III-C
2004 William J. Rashkind Memorial Lecture <i>Betsy Dresser, PhD</i>	III-D
2004 T. Duckett Jones Memorial Lecture <i>Jane W. Newburger, MD, MPH</i>	III-D
2004 Charles T. Dotter Memorial Lecture <i>Lewis Wexler, MD</i>	III-D
2004 Laennec Society Lecture <i>Nanette K. Wenger, MD, FAHA</i>	III-E
2004 Ancel Keys Lecture <i>Darwin R. Labarthe, MD, MPH, PhD</i>	III-E

Note: Abstract numbers are arranged to coincide with abstract titles in the *American Heart Association's Scientific Sessions 2002 Program*.

Subject and author indexes are keyed to abstract numbers. Authors of all Named and Invited Lectures and New and Young Investigator Award/Prize Abstracts are presented in the expanded Table of Contents within this Abstracts issue. Indexes are located at the back of this issue. All other supplements to this volume of *Circulation* will be indexed in the last December issue.

CIRCULATION (ISSN 0009-7322) is published weekly except combined the first two weeks in January and the last two weeks in December by Lippincott Williams & Wilkins at 16522 Hunters Green Parkway, Hagerstown, MD 21740. Business offices are located at 530 Walnut Street, Philadelphia, PA 19106-3621. Production offices are located at 351 West Camden Street, Baltimore, MD 21201-2436. Individuals may subscribe for their personal use at the following rates: \$206 for members of an American Heart Association scientific council and \$289 for nonmembers; international: \$353 for members of an American Heart Association scientific council and \$495 for nonmembers. Periodicals postage paid at Hagerstown, MD, and additional mailing offices. POSTMASTER: Send address changes to CIRCULATION, American Heart Association, Lippincott Williams & Wilkins, 16522 Hunters Green Parkway, Hagerstown, MD 21740.

2004 Lewis K. Dahl Memorial Lecture <i>Rhian M. Touyz MD, PhD</i>	III-F
2004 Robert I. Levy Endowed Lecture in Lipid Metabolism <i>Ronald M. Krauss, MD, FAHA</i>	III-F

New and Young Investigator Award/Prize Abstract Finalists

Lewis N. and Arnold M. Katz Basic Science Research Prize for Young Investigators <i>Karl-Ludwig Laugwitz, Alessandra Moretti, Jason Lam, Peter Gruber, Yinhong Chen, Sarah Woodard, Lizhu Lin, Chen-Leng Cai, Michael Reth, Sylvia Evans, Kenneth R. Chien</i>	III-G
<i>Patrick Most, Mirko Voelkers, Sven T. Pleger, Erhe Gao, Melanie Boerries, Andrew Remppis, Hugo A. Katus, Walter J. Koch</i>	III-G
<i>Sathyamangla V. Naga Prasad, Aruni Jayatilleke, Howard A. Rockman</i>	III-H
<i>Da-Zhi Wang, Dongsun Cao, Zhigao Wang, Shijie Li, Eric N. Olson</i>	III-H
<i>Min Xie, Sam C. Wang, Dou Zhang, Arun J.C. Prahsh, Hidemasa Oh, Motoaki Sano, Xiaozhen Wang, Jennifer S. Pocius, George E. Taffet, Lloyd H. Michael, Tse-Hua Tan, Mark L. Entman, Michael D. Schneider</i>	III-H
Melvin L. Marcus Young Investigator Awards in Cardiovascular Science <i>Roselle Abraham, Peter Lim, Charles A. Henrikson, Roland Emokpae, Ronald Li, Leslie Tung, Eduardo Marbán</i>	III-I
<i>Garvan C. Kane, Atta Behfar, D. Fearghas O’Cochlain, Roy B. Dyer, Xiao-Ke Liu, Denice M. Hodgson, Santiago Reyes, Takashi Miki, Susumu Seino, Andre Terzic</i>	III-I
<i>Ryoji Koshida, Petra Rocic, Shuichi Saito, William M. Chilian</i>	III-I
<i>Gangjian Qin, Masaaki Ii, Andrea Wecker, Evelyn Bord, Hong Ma, David A. Goukassian, Yung-sup Yoon, Raj Kishore, Yan Zhu, Douglas W. Losordo</i>	III-J
<i>Yao Liang Tang, Yi Tang, Keping Qian, Y. Clare Zhang, Leping Shen, M. Ian Phillips</i>	III-J
<i>Subodh Verma, Chao-Hung Wang, William Stanford, Shu-Hong Li, Richard D. Weisel</i>	III-J
Cournand and Comroe Young Investigators Prizes in Cardiopulmonary and Critical Care <i>Kimberly A. Boddicker, Yi Zhang, Loyd R. Davies, Richard E. Kerber</i>	III-K
<i>Sebastien Bonnet, M. Evangelos D. Michelakis, Sean McMurtry, Gwyneth Harry, Sandra Bonnet, Alois Haromy, Stephen L. Archer</i>	III-K
<i>Pietro Caironi, Fumito Ichinose, Rong Liu, Rosemary C. Jones, Kenneth D. Bloch, Warren M. Zapol</i>	III-L
<i>Junyan Gu, Deyanira Prastein, Charles White, Jeffrey Manchio, Richard N. Pierson, Bartley P. Griffith, Paul Gurbel, Udaya Tandry, Robert Poston</i>	III-L
<i>Christopher J. Mingone, Sachin A. Gupte, Noorjahan Ali, Richard A. Oeckler, Susan C. Olson, Michael S. Wolin</i>	III-L
Outstanding Research Award in Pediatric Cardiology <i>Brian Feingold, Seda Selamet, Sang C. Park, Beth F. Printz, C. Becket Mahnke, Shing Lee, Charles S. Kleinman, Donna M. Timchak, William H. Neches, Welton M. Gersony</i>	III-M
<i>Marco Stramba-Badiale, Karine Goulene, Giuliano Bosi, Roberta Bini, Silvia G. Priori, Raffaella Bloise, Lia Crotti, Patrizia Salice, Vlasta Fesslova, Savina Mannarino, Giuseppe Latini, Roberto Giorgetti, Peter J. Schwartz</i>	III-M
<i>Wayne Tworetzky, Audrey C. Marshall, Laura B. Myers, Lisa J. Bergersen, Russell T. Jennings, Carol B. Benson, Louise E. Wilkins-Haug, James E. Lock</i>	III-N
Melvin Judkins Young Investigator Award in Cardiovascular Radiology <i>Fabao Gao, Bensheng Qiu, Sourav Kar, Xiangcan Zhan, Lawrence V. Hofmann, Xiaoming Yang</i>	III-N
<i>C. Javidan-Nejad, D.C. Lesniak, G.S. Chrysant, J. Zheng, R.J. Gropler, T.K. Pilgram, P.K. Woodard</i>	III-O
<i>Saman Nazarian, David A. Bluemke, Albert C. Lardo, Menekhem M. Zviman, Katherine C. Wu, Stanley Watkins, Clerio Azevedo, Timm L. Dickfeld, Glenn R. Meininger, Ronald D. Berger, Hugh Calkins, Joao A. Lima, Henry R. Halperin</i>	III-O
<i>Monvadi B. Srichai, Chelif Junor, L. Leonardo Rodriguez, Arthur E. Stillman, Richard A. Grimm, Michael L. Lieber, Joan A. Weaver, Nicholas G. Smedira, Richard D. White</i>	III-O
Vivian Thomas Young Investigator Award <i>Sydney L. Gaynor, Hersh S. Maniar, Jeffrey B. Bloch, Paul Steendijk, Marc R. Moon</i>	III-P
<i>Faraz Kerendi, Michael E. Halkos, Hajime Kin, Joel S. Corvera, Daniel J. Brat, Mary B. Wagner, Jakob Vinten-Johansen, Zhi-Qing Zhao, Joseph M. Forbess, Kirk R. Kanter, Paul M. Kirshbom</i>	III-P
<i>Paul V. Kochupura, Evren U. Azeloglu, Damon J. Kelly, Sergey V. Doronin, Stephen F. Badylak, Irvin B. Krukenkamp, Ira S. Cohen, Glenn R. Gaudette</i>	III-P
<i>Stephen Kolakowski Jr, Mark F. Berry, Todd Grand, Omar Fisher, M. Astrid Moise, Jeffrey Cohen, Vivian Hsu, Y. Joseph Woo</i>	III-Q
<i>Frank Langer, Filiberto Rodriguez, Saskia Ortiz, Allen Cheng, Mary K. Zasio, David Liang, George T. Daughters, Neil B. Ingels, D. Craig Miller</i>	III-Q
<i>Pierre Voisine, Jian Li, Cesario Bianchi, Tanveer A. Khan, Marc Ruel, Shu-Hua Xu, Jun Feng, Audrey Rosinberg, Tamer Malik, Yasunari Nakai, Frank W. Sellke</i>	III-R

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.