In This Issue .......................................................... 1039

Editorials
Crossing Into the Next Frontier of Cardiac Extracellular Matrix Research
Francis G. Spinale, Nikolaos G. Frangogiannis, Boris Hinz, Jeffrey W. Holmes, Zamaneh Kassiri, Merry L. Lindsey .......................................................... 1040

Angiotensin II–Linked Hypothesis to Understand the Advantage of the Coevolution of Hypertension and Malaria: “Sympathy for the Devil”
Massimo Volpe, Allegra Battistoni, Giuseppe Mancia ......................... 1046

The Functional Pluralism of Fibroblasts in the Infarcted Myocardium
Nikolaos G. Frangogiannis .......................................................... 1049

Untangling Neurons With Endothelial Nitric Oxide
Costantino Iadecola ....................................................................... 1052

Cardiac Dysfunction Due to Cancer Therapy: Finding New Directions
Sergey Ryzhov, Sanjeev Francis, Douglas B. Sawyer .......................... 1055

Viewpoints
Philanthropy for Science: Is It a Viable Option?
E. Magnus Ohman, Pamela S. Douglas, L. Blue Dean, Geoffrey S. Ginsburg ...... 1057

Translational Epidemiology: Entering a Brave New World of Team Science
Ravi Shah, Alexander R. Pico, Jane E. Freedman ............................... 1060

The Misguided Regulation of Cardiac Emergencies: The Rise of the IRB-Industrial Complex and the Increasing Risk to Cardiovascular Research and Our Patients
Jay H. Traverse ............................................................................. 1063

Complexity of Tracking the Fate of Adult Progenitor Cells
Annarosa Leri, Piero Anversa .......................................................... 1067

New Hypotheses in Clinical Medicine

★ The High Blood Pressure-Malaria Protection Hypothesis
Julio Gallego-Delgado, Thomas Walther, Ana Rodriguez .......................... 1071

CIRCULATION RESEARCH (ISSN 0009-7330 print / 1524-4571 online) is published semimonthly for 24 total issues a year by Wolters Kluwer Health, Inc. at 14700 Citicorp Drive, Bldg 3, Hagerstown, MD 21742. Business offices are located at Two Commerce Square, 2001 Market Street, Philadelphia, PA 19103. Production offices are located at 351 West Camden Street, Baltimore, MD 21201-2436. AHA members will have online access to the journal as a benefit of membership. In the US, individuals may subscribe in print for their personal use at the annual rate of $749 for nonmembers. International: $888 for nonmembers. Online-only and other additional rates can be found online at http://circres.ahajournals.org. AHA membership information can be found online at professional.heart.org. Periodicals postage paid at Hagerstown, MD, and additional mailing offices. POSTMASTER: Send address changes to Circulation Research, American Heart Association, Wolters Kluwer Health, Inc., PO Box 1610, Hagerstown, MD 21740.
Molecular Medicine

Age-Associated Sirtuin 1 Reduction in Vascular Smooth Muscle Links Vascular Senescence and Inflammation to Abdominal Aortic Aneurysm
Hou-Zao Chen, Fang Wang, Peng Gao, Jian-Fei Pei, Yue Liu, Ting-Ting Xu, Xiaoyiagq Tang, Wen-Yan Fu, Jie Lu, Yun-Fei Yan, Xiao-Mao Wang, Lei Han, Zhu-Qin Zhang, Ran Zhang, Ming-Hui Zou, De-Fei Liu .......................... 1076

Phosphorylation of CHOP (C/EBP Homologous Protein) by the AMP-Activated Protein Kinase Alpha 1 in Macrophages Promotes CHOP Degradation and Reduces Injury-Induced Neointimal Disruption In Vivo
Xiaoyan Dai, Ye Ding, Zhaoyu Liu, Wencheng Zhang, Ming-Hui Zou ................. 1089

Integrative Physiology

Nicotine Mediates CD161a + Renal Macrophage Infiltration and Premature Hypertension in the Spontaneously Hypertensive Rat
Sailesh C. Harwani, Jason Ratcliff, Fayyaz S. Sutterwala, Zuhaik K. Ballas, David K. Meyerholz, Mark W. Chapleau, Francois M. Abboud .................... 1101

★ Cardiac Fibroblast GRK2 Deletion Enhances Contractility and Remodeling Following Ischemia/Reperfusion Injury
Meryl C. Woodall, Benjamin P. Woodall, Erhe Gao, Ancai Yuan, Walter J. Koch .......................... 1116

★ Loss of Endothelial Nitric Oxide Synthase Promotes p25 Generation and Tau Phosphorylation in a Murine Model of Alzheimer’s Disease
Susan A. Austin, Zvonimir S. Katusic Short Communication ......................... 1128

Clinical Track

Baseline Immunoglobulin E Levels as a Marker of Doxorubicin- and Trastuzumab-Associated Cardiac Dysfunction
Lynn A. Beer, Andrew V. Kossenkov, Qin Liu, Eline Luning Prak, Susan Domchek, David W. Speicher, Bonnie Ky .......................... 1135

In September 2016, the average time from submission to first decision for all original research papers submitted to Circulation Research was 12.73 days.

On the Cover: Immunoreactivity of pTau is increased in the hippocampus of APP/PS1/ eNOS−/− mice. Brain sections were stained with anti-pTau antibody (green), and nuclei were visualized with DAPI (blue). See related article, page 1128.