Editorials

**AL** What is Truth? Standards of Scientific Integrity in American Heart Association Journals
Joseph M. Miano ................................................................. 1

**AL** Lipolysis Needed for Chylomicron Uptake?
Sampath Parthasarathy ....................................................... 5
See accompanying article on page 20

**TH** Smoking Out the Cause of Thrombosis
Robert A. Campbell, Kellie R. Machlus, Alisa S. Wolberg .................. 7
See accompanying article on page 75

History of Discovery

**AL** Triglyceride-Rich Lipoproteins and Plasma Lipid Transport
Richard J. Havel ................................................................. 9

Integrative Physiology/Experimental Medicine

**AL** Chylomicronemia Elicits Atherosclerosis in Mice—Brief Report
See accompanying article on page 5

**AL** Combined Therapy of Dietary Fish Oil and Stearoyl-CoA Desaturase 1 Inhibition Prevents the Metabolic Syndrome and Atherosclerosis

**AL** Loss of Stearoyl-CoA Desaturase-1 Attenuates Adipocyte Inflammation: Effects of Adipocyte-Derived Oleate
Xueqing Liu, Makoto Miyazaki, Matthew T. Flowers, Harini Sampath, Minghui Zhao, Kiki Chu, Chad M. Paton, Diane Seohee Joo, James M. Ntambi ......................................................... 31
CCL5 Promotes Macrophage Recruitment and Survival in Human Adipose Tissue
Mayoura Keophiphath, Christine Rouault, Adeline Divoux, Karine Clément, Danièle Lacasa

Thiazolidinediones Reduce Pathological Neovascularization in Ischemic Retina Via an Adiponectin-Dependent Mechanism
Akiko Higuchi, Koji Ohashi, Rei Shibata, Saki Sono-Romanelli, Kenneth Walsh, Noriyuki Ouchi

Molecular Imaging of the Initial Inflammatory Response in Atherosclerosis: Implications for Early Detection of Disease
Beat A. Kaufmann, Chad L. Carr, J. Todd Belcik, Aris Xie, Qi Yue, Scott Chadderdon, Evan S. Caplan, Jaspreet Khangura, Sherry Bullens, Stuart Bunting, Jonathan R. Lindner

Bone Marrow AT_1 Augments Neointima Formation by Promoting Mobilization of Smooth Muscle Progenitors via Platelet-Derived SDF-1α

Fibulin-2 and Fibulin-5 Cooperatively Function to Form the Internal Elastic Lamina and Protect From Vascular Injury
Shelby L. Chapman, F.-X. Sicot, Elaine C. Davis, Jianbin Huang, Takako Sasaki, Mon-Li Chu, Hiromi Yanagisawa

Effects of Cigarette Smoke Exposure on Clot Dynamics and Fibrin Structure: An Ex Vivo Investigation
Rajat S. Barua, Fridolin Sy, Sundararajan Srikanth, Grace Huang, Usman Javed, Cyrus Buhari, Dennis Margosan, John A. Ambrose

See accompanying article on page 7

Cell Biology/Signaling

VEGF Induces Differentiation of Functional Endothelium From Human Embryonic Stem Cells: Implications for Tissue Engineering
Marilyn B. Nourse, Daniel E. Halpin, Marta Scatena, Derek J. Mortisen, Nathaniel L. Tulloch, Kip D. Hauch, Beverly Torok-Storb, Buddy D. Ratner, Lil Pabon, Charles E. Murry

Adenosine Modulates HIF-1α, VEGF, IL-8, and Foam Cell Formation in a Human Model of Hypoxic Foam Cells
Stefania Gessi, Eleonora Fogli, Valeria Sacchetto, Stefania Merighi, Katia Varani, Delia Preti, Edward Leung, Stephen MacLennan, Pier Andrea Borea

HO-1 and CO Decrease Platelet-Derived Growth Factor-Induced Vascular Smooth Muscle Cell Migration Via Inhibition of Nox1
Andres I. Rodriguez, Archana Gangopadhyay, Eric E. Kelley, Patrick J. Pagano, Brian S. Zuckerbraun, Philip M. Bauer

JAK/STAT Signaling Pathway Regulates Nox1 and Nox4-Based NADPH Oxidase in Human Aortic Smooth Muscle Cells
Adrian Manea, Laurentia Irina Tanase, Monica Raicu, Maya Simionescu

Clinical and Population Studies

Familial Combined Hyperlipidemia Is Associated With Alterations in the Cholesterol Synthesis Pathway

Anthropometric Measures of Obesity and Risk of Venous Thromboembolism: The Tromsø Study
Knut H. Borch, Sigrid K. Brevik, Ellisiv B. Mathiesen, Inger Njolstad, Tom Wilskaard, Jan Størmer, John-Bjarne Hansen
VB Heritability of Thromboxane A₂ and Prostaglandin E₂ Biosynthetic Machinery in a Spanish Population
Luis Vila, Angel Martinez-Perez, Mercedes Camacho, Alfonso Buil, Sonia Alcolea, Nuria Pujol-Moix,
Marta Soler, Rosa Antón, Juan-Carlos Souto, Jordi Fontcuberta, José-Manuel Soria

Retraction

On the cover: Fibulin-2 and Fibulin-5 Cooperatively Function to Form the Internal Elastic Lamina and Protect From Vascular Injury.

Instructions to the Authors are available online at http://atvb.ahajournals.org/misc/infora.shtml.

This article contains online supplementary information that is available at http://www.atvbaha.org.