Recent Highlights of ATVB

**AL** Macrophages

Ziad Mallat [Online Only] ............................................................................................................ e92

Editorials

**AL** By CyTOF: Heterogeneity of Human Monocytes

P'ng Loke, Timothy B. Niewold ........................................................................................................ 1423
See accompanying article on page 1548

**VB** OxPL: Elusive Risk Factor in Calcific Aortic Valve Disease or Another Piece of the Puzzle?

Patricia J.M. Best, Nalini M. Rajamannan ...................................................................................... 1425
See accompanying article on page 1570

**VB** Do BRD(4)S of a Feather Flock Together? How an Inflammation-Driven Epigenetic Regulator May Link Pulmonary Hypertension and Coronary Artery Disease

Partha Dutta, Delphine Gomez, Mark T. Gladwin ......................................................................... 1428
See accompanying article on page 1513

Brief Reviews

**VB** Magnesium Counteracts Vascular Calcification: Passive Interference or Active Modulation?

Anique D. ter Braake, Catherine M. Shanahan, Jeroen H.F. de Baaij .............................................. 1431

**VB** Plasminogen Activator Inhibitor-1 Is a Marker and a Mediator of Senescence

Douglas E. Vaughan, Rahul Rai, Sadiya S. Khan, Mesut Eren, Asish K. Ghosh ................................. 1446
Insight Into ATVB Authors

ATVB Named Lecture Review—Insight Into Author: Klaus Ley ............................................................. 1453
ATVB Named Lecture Review—Insight Into Author: Catherine C. Hedrick ........................................ 1455

Basic Sciences

AL NLRP3 Inflammasome Inhibition by MCC950 Reduces Atherosclerotic Lesion Development in Apolipoprotein E–Deficient Mice—Brief Report
Thomas van der Heijden, Eva Kritikou, Wouter Venema, Janine van Duijn, Peter J. van Santbrink, Bram Slüter, Amanda C. Foks, Ilze Bot, Johan Kaiper ................................................................. 1457

AL Cardiotonic Steroids Stimulate Macrophage Inflammatory Responses Through a Pathway Involving CD36, TLR4, and Na/K-ATPase
Yiliang Chen, Wenxin Huang, Moua Yang, Gang Xin, Weiguo Cui, Zijian Xie, Roy L. Silverstein ............... 1462

AL Mitochondrial Oxidative Stress Promotes Atherosclerosis and Neutrophil Extracellular Traps in Aged Mice
Ying Wang, Wei Wang, Nan Wang, Alan R. Tall, Ira Tabas Online Only ...................................................... e99

AL Mediator 1 Is Atherosclerosis Protective by Regulating Macrophage Polarization
Liang Bai, Zhao Li, Qianwei Li, Hua Guan, Sihai Zhao, Ruihan Liu, Rong Wang, Jin Zhang, Yuzhi Jia, Jiaying Fan, Namping Wang, Janardan K. Reddy, John Y.-J. Shyy, Enqi Liu................................. 1470

TH Farnesoid X Receptor and Liver X Receptor Ligands Initiate Formation of Coated Platelets

TH Cre/lox Studies Identify Resident Macrophages as the Major Source of Circulating Coagulation Factor XIII-A
Cora M.L. Beckers, Kingsley R. Simpson, Kathryn J. Griffin, Jane M. Brown, Lih T. Cheah, Kerrie A. Smith, Jean Vacher, Paul A. Cordell, Mark T. Kearney, Peter J. Grant, Richard J. Pease OPEN ................................................................. 1494

TH Inner Mitochondrial Membrane Disruption Links Apoptotic and Agonist-Initiated Phosphatidylinerine Externalization in Platelets
Hyo-Jung Choo, Andaleb Kholmukhamedov, ChengZing Zhou, Shawn Jobe .................................................. 1503

VB Implication of Inflammation and Epigenetic Readers in Coronary Artery Remodeling in Patients With Pulmonary Arterial Hypertension
Jolyane Meloche, Marie-Claude Lampron, Valérie Nadeau, Mélanie Maltais, François Potus, Caroline Lambert, Eve Tremblay, Géraldine Vitry, Sandra Breuil-Bonnet, Olivier Boucharat, Eric Charbonneau, Steeve Provencher, Roxane Paulin, Sébastien Bonnet ............................................................. 1513
See accompanying editorial on page 1428
See cover image

VB LRP1-Dependent BMPER Signaling Regulates Lipopolysaccharide-Induced Vascular Inflammation
Pamela Lockyer, Hua Mao, Qiying Fan, Luge Li, Li-Yuan Yu-Lee, N. Tony Eissa, Cam Patterson, Liang Xie, Xinchun Pi ............................................................. 1524

VB Ager Deletion Enhances Ischemic Muscle Inflammation, Angiogenesis, and Blood Flow Recovery in Diabetic Mice
Raquel López-Díez, Xiaoping Shen, Gardip Daffu, Md Khursheed, Jiyuan Hu, Fei Song, Rosa Rosario, Yunlu Xu, Qing Li, Xiangmei Xi, Yu Shan Zou, Huilin Li, Ann Marie Schmidt, Shi Fang Yan .................................................. 1536
Translational Sciences

Graham D. Thomas, Anouk A.J. Hamers, Catherine Nakao, Paola Marcovecchio, Angela M. Taylor, Chantel McSkimming, Anh Tram Nguyen, Coleen A. McNamara, Catherine C. Hedrick. 1548
See accompanying editorial on page 1423

VB Codependence of Bone Morphogenetic Protein Receptor 2 and Transforming Growth Factor-β in Elastic Fiber Assembly and Its Perturbation in Pulmonary Arterial Hypertension
Nancy F. Tojais, Aiqin Cao, Ying-Ju Lai, Lingli Wang, Pin-I Chen, Miguel A. Alejandro Alcazar, Vinicio A. de Jesus Perez, Rachel K. Hopper, Christopher J. Rhodes, Matthew A. Bill, Lynn Y. Sakai, Marlene Rabinovitch. 1559

Clinical and Population Studies

VB Oxidized Phospholipids and Risk of Calcific Aortic Valve Disease: The Copenhagen General Population Study
Pia R. Kamstrup, Ming-Yow Hung, Joseph L. Witzum, Sotirios Tsimikas, Børge G. Nordestgaard. 1570
See accompanying editorial on page 1425

VB Blood Pressure and Heart Rate Measures Associated With Increased Risk of Covert Brain Infarction and Worsening Leukoaraiosis in Older Adults
Lester Y. Leung, Traci M. Bartz, Kenneth Rice, James Floyd, Bruce Psaty, Jose Gutierrez, W.T. Longstreth Jr, Kenneth J. Mukamal. 1579

On the cover: Coronary perfusion was performed using CT-scan imaging following injection of Microfil compound in animal models of pulmonary arterial hypertension. Rendered 3D image shows coronary circulation in white and heart tissue in red. (See pages 1513–1523.)

Instructions to the Authors are available online at http://atvb.ahajournals.org/site/misc/ifora.xhtml.

Some figures may appear in color in the online issue, while appearing in black and white for the print issue.

This article contains online supplementary information that is available at http://atvb.ahajournals.org.