On My Mind
Grounding Cardio-Oncology in Basic and Clinical Science
Javid Moslehi, MD; Dulguun Amgalan, MS; Richard N. Kitsis, MD

ORIGINAL RESEARCH ARTICLES
Evidence Supporting the Existence of a Distinct Obese Phenotype of Heart Failure With
Preserved Ejection Fraction
Masaru Obokata, MD, PhD; Yogesh N.V. Reddy, MD; Sorin V. Piskaru, MD, PhD; Vojtech Melenovsky, MD, PhD;
Barry A. Borlaug, MD

Editorial
Obese Heart Failure With Preserved Ejection Fraction Phenotype: From Pariah
to Central Player
Dalane W. Kitzman, MD; Carolyn S.P. Lam, MBBS, PhD

Physiology of Angina and Its Alleviation With Nitroglycerin: Insights From
Invasive Catheter Laboratory Measurements During Exercise
Kaleab N. Asrress, PhD; Rupert Williams, PhD; Timothy Lockie, PhD; Muhammed Z. Khawaja, PhD; Kalpa De Silva, PhD;
Matthew Lumley, PhD; Tiffany Patterson, MBBS; Satpal Arri, MBBS; Sana Ihsan, MBBS; Howard Ellis, MSc;
Antoine Guilcher, PhD; Brian Clapp, PhD; Philipp J. Chowienczyk, MD, PhD; Sven Plein, MD, PhD; Divaka Perera, MD;
Michael S. Marber, PhD; Simon R. Redwood, MD

Editorial
Nitroglycerine and Angina: Evolving Clinical Coronary Physiology Beyond Fractional
Flow Reserve and Coronary Flow Reserve
K. Lance Gould, MD; Nils P. Johnson, MD

Association Between Fetal Congenital Heart Defects and Maternal Risk of Hypertensive
Disorders of Pregnancy in the Same Pregnancy and Across Pregnancies
Heather Allison Boyd, PhD; Saima Basit, MSc; Ida Behrens, MD, PhD; Elisabeth Leirgil, MD, PhD;
Henning Bundgaard, MD, DrMed, Jan Wohlfahrt, MSc, DrMed; Mads Melbye, MD, DrMed; Nina Øyen, MD, MPH, DrMed

Editorial
Preeclampsia and Fetal Congenital Heart Defects: Spurious Association or Maternal
Confounding?
Basky Thilaganathan, MD, PhD

On the Cover: Circulation Doodle
This month’s doodle is in honor of Bastille Day, France’s National Day, la Fête nationale, which is celebrated on July 14th (le 14 juillet) each year. We would like to credit Kristine Ljones, PhD candidate, Department of Circulation and Medical Imaging, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology, for this doodle submission.

For more information about the doodle, go to http://circ.ahajournals.org/content/circulation-cover-doodle.
ORIGINAL RESEARCH ARTICLES

Effect of Long-Term Metformin and Lifestyle in the Diabetes Prevention Program and Its Outcome Study on Coronary Artery Calcium
Ronald B. Goldberg, MD; Vanita R. Aroda, MD; David A. Bluemke, MD, PhD; Elizabeth Barrett-Connor, MD; Matthew Budoff, MD; Jill P. Crandall, MD; Dana Dabelea, MD, PhD; Edward S. Horton, MD; Kieren J. Mather, MD; Trevor J. Orchard, MD; David Schade, MD; Karol Watson, MD, PhD; Marielena Temprosa, PhD; for the Diabetes Prevention Program Research Group

Long Noncoding RNA MANTIS Facilitates Endothelial Angiogenic Function
Matthias S. Leisegang, PhD; Christian Fork, PhD; Ivana Josipovic, MSc; Florian Martin Richter, PhD; Jens Preussner, MSc; Jiong Hu, PhD; Matthew J. Miller, MSc; Jeremy Epah; Patrick Hofmann, MSc; Stefan Günther, PhD; Franziska Moll, MSc; Chamil Valasarajaj, MSc; Juliana Heidler, PhD; Yuliya Ponomareva, MSc; Thomas M. Freiman, MD; Lars Maegdefessel, MD, PhD; Karl H. Plate, MD; Michel Mittelbronn, MD; Shizuka Uchida, PhD; Carsten Künne, PhD; Konstantinos Stellos, MD; Ralph T. Schermuly, PhD; Norbert Weissmann, PhD; Kavi Devraj, PhD; Ilka Wittig, PhD; Reiner A. Boon, PhD; Stefanie Dimmeler, PhD; Soni Savai Pullumsetti, PhD; Mario Looso, PhD; Francis J. Miller, Jr., MD; Ralf P. Brandes, MD

Editorial
Long Noncoding RNAs and Angiogenesis: Regulatory Information for Chromatin Remodeling
Anna Zampetaki, PhD; Manuel Mayr, MD, PhD

Melanocortin 1 Receptor Signaling Regulates Cholesterol Transport in Macrophages
Petteri Rinne, PhD; Martina Rami, MSc; Salla Nuutinen, MSc; Donato Santovito, MD, PhD; Emiel P.C. van der Vorst, PhD; Raquel Guillamat-Prats, Phd; Leo-Pekka Lyytikainen, MD, PhD; Emma Raitoharju, PhD; Niku Oksala, MD, PhD, DSc; Larisa Ring, PhD; Minying Cai, Phd; Victor J. Hruby, Phd; Terho Lehtimäki, MD, PhD; Christian Weber, MD; Sabine Steffens, PhD

STATE OF THE ART

White Paper
Is Cardioprotection Dead?
David J. Lefer, PhD; Eduardo Marbán, MD, PhD

THE PULSE

Cardiology News
Breaking Meeting News: ACC.17
Bridget M. Kuehn

CASES AND TRACES

ECG Challenge
Idiopathic Ventricular Fibrillation in a 29-Year-Old Man
Leila Y. Beach, MD; Nora Goldschlager, MD; Joshua D. Moss, MD; Melvin M. Scheinman, MD

CORRESPONDENCE

Correspondence
Letter by Cerit Regarding Article, “Recurrent Hospitalization Among Patients With Atrial Fibrillation Undergoing Intracoronary Stenting Treated With 2 Treatment Strategies of Rivaroxaban or a Dose-Adjusted Oral Vitamin K Antagonist Treatment Strategy”
Levent Cerit, MD

Response by Gibson and Fox to Letter Regarding Article, “Recurrent Hospitalization Among Patients With Atrial Fibrillation Undergoing Intracoronary Stenting Treated With 2 Treatment Strategies of Rivaroxaban or a Dose-Adjusted Oral Vitamin K Antagonist Treatment Strategy”
C. Michael Gibson, MS, MD; Keith Fox, MD

Downloaded from http://circ.ahajournals.org/ by guest on November 25, 2017
Letter by Koh Regarding Article, “Factorial Effects of Evolocumab and Atorvastatin on Lipoprotein Metabolism”
Kwang Kon Koh, MD, PhD

Response by Watts et al to Letter Regarding Article, “Factorial Effects of Evolocumab and Atorvastatin on Lipoprotein Metabolism”
Gerald F. Watts, DSc, PhD, DM; Dick C. Chan, PhD; Ransi Somaratne, MD, MBA; Scott M. Wasserman, MD; Marc S. Sabatine, MD, MPH