MONDAY, OCTOBER 17, 2016
8:30-9:00  Breakfast

IMMUNOLOGIC BASIS OF HYPERTENSION AND CARDIOVASCULAR DISEASE: FUNDAMENTAL MECHANISMS AND THERAPEUTIC OPPORTUNITIES
Chair: Roger White, PhD
9:00-9:30  Genomic sequencing from bedside-to-bench and back again
Howard J. Jacob, PhD
9:30-9:45  Q&A
9:45-10:15  Vascular contributors to cognitive aging: Targeting RAS and its modulation
Ihab Hajjar, MD, MS
10:15-10:30  Q&A
10:30-10:45  Break
10:45-11:15  Immune activation in arterial hypertension
David G. Harrison, MD, FACC, FAHA
11:30-11:45  Q&A
11:45-12:30  Lunch

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IMMUNOLOGIC BASIS OF HYPERTENSION AND CARDIOVASCULAR DISEASE: CLINICAL IMPLICATIONS
Chair: Michael J. Mugavero, MD, MHSc
12:30-1:00  Why worry about cardiometabolic diseases in HIV?
E. Turner Overton, MD
1:00-1:15  Q&A
1:15-1:45  Stress and atherosclerosis plaque macrophages – a systems biology approach
Zahi A. Fayad, PhD, FACC, FAHA
1:45-2:00  Q&A
2:00-2:15  Break
2:15-3:00  Breakout Sessions
Basic Science
  Moderator: Alexander J. Szlai, PhD
Translational Science
  Moderator: Yi-Fai Chen, PhD, FAHA, FASH
Population/Clinical Science
  Moderator: Fadi G. Hage, MD, FACC, FASH
3:00-3:30  Future Directions
Suzanne Opari, MD
Paul M. Muntner, MHS, PhD

4:00-6:00  17th Annual Trainee Poster Session
Location: UAB Hill Student Center, Third Floor

TUESDAY, OCTOBER 18, 2016
8:30-9:00  Breakfast

LIFE COURSE TRAJECTORIES OF BLOOD PRESSURE AND CARDIOVASCULAR DISEASE: OVERVIEW AND EARLY YEARS
Chair: Cora E. Lewis, MD, MSPH, FACP, FAHP
9:00-9:30  Long-term blood pressure trajectories and the development of cardiovascular disease
Norrina Bai Allen, PhD, MPH
9:30-9:45  Q&A
9:45-10:15  Dyslipidemia in children – precursor of future cardiovascular disease
Ambika P. Ashraf, MBBS, DCH, MD
10:15-10:30  Q&A
10:30-10:45  Break
10:45-11:15  Enduring cardiovascular system puzzles, time for “The Vasculome?”
Zorina S. Galis, PhD
11:30-11:45  Q&A
11:45-12:30  Lunch and Poster Session Awards

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LIFE COURSE TRAJECTORIES OF BLOOD PRESSURE AND CARDIOVASCULAR DISEASE: EFFECTS OF AGING
Chair: Virginia G. Bradley, PhD
12:30-1:00  Racial differences in the maintenance of healthy lifestyles: Young adulthood through middle-age
John N. Booth, III, MS, MA
1:00-1:15  Q&A
1:15-1:45  Vascular aging and exercise: Are you as old as your arteries?
Hirofumi Tanaka, PhD
1:45-2:00  Q&A
2:00-2:15  Break
2:15-3:00  Breakout Sessions
Basic Science
  Moderator: Jennifer S. Pollock, PhD, FAHA
Translational Science
  Moderator: Virginia G. Bradley, PhD
Population/Clinical Science
  Moderator: George Howard, DrPH
3:00-3:30  Future Directions
Monika M. Safford, MD

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2016 Symposium Planning Committee:
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Program Directors: Paul M. Muntner, PhD, Suzanne Opari, MD

FACULTY LIST
Norrina Bai Allen, PhD, MPH
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UAB, Division of Cardiovascular Disease

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Director, Cardiovascular Imaging
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National Heart, Lung and Blood Institute (NHLBI)
NIH, Department of Health and Human Services
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Director, Nuclear Cardiology
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Chief, Cardiology Service, Birmingham VAMC

Ihab Hajjar, MD, MS
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Department of Medicine
Emory University
Atlanta, Georgia

David G. Harrison, MD, FACC, FAHA
Betty and Jack Bailey Professor of Medicine
Professor of Pharmacology and Physiology
Director of Clinical Pharmacology
Vanderbilt University
Nashville, Tennessee
EDUCATIONAL OBJECTIVES

After participating in this CME activity, participants should be able to:

Be aware of the role of big science (omics) in developing novel therapies for cardiovascular disease.

Become familiar with the potential role of the renin angiotensin system in hypertension, vascular disease and cognitive decline/dementia in older adults.

Gain a better understanding of the need for “the vasculome” as a new focus for biomedical research.

Gain a better understanding of the role of noninvasive multimodality imaging for the early detection of vascular inflammation and for outcomes prediction in humans.

Be aware of the importance of cardiometabolic diseases in patients with treated HIV.

Understand the role of assessing trajectories of blood pressure and cardiovascular disease in the development of population-based strategies to prevent or manage these conditions.

Gain a better understanding of the role of lipids in the pathogenesis of vascular disease in children.

Understand the role of immune activation in the pathogenesis of arterial hypertension.

Understand the effect of aging on trajectories of blood pressure/hypertension and the development of vascular disease throughout the life cycle.

Recognize the value of increased physical activity in delaying vascular aging.

ACCREDITATION

To request CME credit, you must sign in each day you attend and provide requested information.

The University of Alabama School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Alabama School of Medicine designates this live activity for a maximum of 10.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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