### FRIDAY, MAY 3, 2019

**7:30-8:00**  **BREAKFAST**

**MOLECULAR MECHANISMS OF DISEASE**  
Chair: Gregory A. Payne, MD  
8:00-8:30  **Activated PMN exosomes: Novel pathogenic entities causing matrix destruction and disease**  
J. Edwin Blalock, PhD  
8:30-8:45  **Q&A**

8:45-9:15  **Role of exosomes in induction of fibrosis and heart failure**  
Suresh K. Verma, PhD  
9:15-9:30  **Q&A**

9:30-9:45  **Break**

9:45-10:15  **Epigenetic mechanisms of diabetic cardiovascular disease**  
Adam R. Wende, PhD  
10:15-10:30  **Q&A**

10:30-11:00  **Do HIV and inflammation collude to accelerate cardiovascular disease? The jury is out**  
E. Turner Overton, MD  
11:00-11:15  **Q&A**

11:15-11:45  **DATA BLITZ – PART I**

11:45-12:30  **LUNCH**

### SATURDAY, MAY 4, 2019

**7:30-8:00**  **BREAKFAST**

**BLOOD PRESSURE MEASUREMENT**  
Chair: Paul Muntner, MHS, PhD  
8:00-8:30  **Blood pressure self-measurement**  
Michael K. Rakotz, MD, FAHA, FAAFP  
8:30-8:40  **Q&A**

8:40-8:55  **[PRO] AOBP: The “Gold Standard” for BP measurement**  
Martin Myers, MD, FRCP  
8:55-9:10  **[CON] AOBP: The “Gold Standard” for BP measurement**  
George S. Stergiou, MD, FRCP  
9:10-9:25  **Audience Discussion/Q&A**

9:25-9:40  **Break**

9:40-10:10  **Correlations of clinic BP, HBPM and ABPM**  
Joseph E. Schwartz, PhD  
10:10-10:20  **Q&A**

10:20-10:50  **Masked hypertension**  
Paul Drawz, MD, MHS, MS  
10:50-11:00  **Q&A**

11:00-12:00  **LUNCH AND AWARDS CEREMONY**

**THE SPринT MARаTHON**  
Chair: Fadi G. Hage, MD  
12:00-12:30  **Vascular cognitive impairment**  
Ronald M. Lazar, PhD, FAHA, FAAN  
12:30-12:40  **Q&A**

12:40-1:10  **SPРИNT-MIND**  
Virginia W. Bradley, PhD  
1:10-1:20  **Q&A**

1:20-1:50  **Effect of Intensive Blood Pressure Treatment on Heart Failure Events in the SPРИNT**  
Bharathi Upadhya, MD  
1:50-2:00  **Q&A**

2:00-2:30  **SPРИNT-KIDNEY**  
Tara I. Chang, MD, MS, FASN  
2:30-2:40  **Q&A**

2:40-3:00  **SPРИNT: Panel Discussion**  
3:00  **Adjournment**

### SYMPOSIUM FACULTY

**John D. Bisognano, MD, PhD**  
Professor of Medicine & Director  
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Director, Comprehensive Hypertension Center  
Department of Medicine  
University of Rochester Medical Center  
Rochester, New York

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UAB, Department of Medicine

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Professor and Vice Chair for Education  
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Duke University Medical Center  
Deputy Director, Center for Health Services Research in Primary Care, Durham Veterans Affairs Medical Center  
Durham, North Carolina

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Director, Evelyn F. McKnight Brain Institute  
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University of Minnesota  
Minneapolis, Minnesota

**Tanja Dudenbostel, MD**  
Assistant Professor  
UAB, Division of Cardiovascular Disease
Thursday, May 2, 2019

Interactive Workshop on Hypertension
Edge of Chaos, Lister Hill Library 4th Floor

EDUCATIONAL OBJECTIVES

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

- Recognize the critical role of inflammation in the pathogenesis of hypertension, arterial disease, atherosclerosis and cardiometabolic diseases.
- Recognize the linkage between inflammation in the kidney and renal nerve actuation the pathogenesis of hypertension.
- Become aware of the recently recognized roles of exosomes and epigenetic mechanisms in the pathogenesis of vascular disease.
- Evaluate novel treatments for hypertension, including renal denervation and carotid sinus stimulation.
- Recognize the growing importance of blood pressure self-measurement in the management of hypertension.
- Be aware of current concepts and controversies regarding office blood pressure measurement.
- Be aware of best practices in diagnosing and treating masked HTN.
- Discuss the recent recommendations for the prevention, detection, evaluation and management of high BP in adults.
- Apply the 2017 ACC/AHA Guideline for the Prevention, Detection, Evaluation and Management of High Blood Pressure in Adults to everyday clinical practice.

ACCREDITATION

To receive CME credit, you must sign in each day of attendance and provide all required 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 __________ 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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Symposium Planning Committee

David A. Calhoun, MD, Samantha Giordano, PhD, Fadi G. Hage, MD, Paul M. Muntner, PhD, Suzanne Oparil, MD, Gregory A. Payne, MD, PhD, David M. Pollock, PhD, Jennifer S. Pollock, PhD, Roger White, PhD, J. Michael Wyss, PhD

Coordinators: Pamela M. Jacobs, Faith F. Lang

30th Annual Vascular Biology and Hypertension Symposium

UAB National Alumni Society House
1301 10th Avenue South
Birmingham, Alabama

May 3-4, 2019

Sponsored by the Vascular Biology & Hypertension Program
Division of Cardiovascular Disease
Department of Medicine
University of Alabama School of Medicine
Division of Continuing Medical Education
University of Alabama at Birmingham

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