



The University of Alabama at Birmingham

32nd Annual Vascular Biology and Hypertension Symposium

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

April 28-29, 2022

Sponsors
Vascular Biology & Hypertension Program
Division of Cardiovascular Disease
Department of Medicine
UAB Hypertension Research Center
Heersink School of Medicine
Division of Continuing Medical Education
University of Alabama at Birmingham

Thursday, April 28, 2022

8:00 AM – 8:30 AM ARRIVALS & BREAKFAST

BLOOD PRESSURE MEASUREMENT

Chair: Suzanne Oparil, MD

8:30-8:55 *Take-home points from the 2019 AHA Scientific Statement on Blood Pressure Measurement*

Paul Munther, PhD

8:55-9:00 Q&A

9:00-9:25 *How to measure in-office, home and ambulatory blood pressure*

Raymond R. Townsend, MD

9:25-9:30 Q&A

9:30-9:45 BREAK

9:45-10:10 *Accuracy and best practices of using home blood pressure monitoring devices*

Daichi Shimbo, MD

10:10-10:15 Q&A

10:15-10:45 *Blood pressure checks for diagnosing hypertension: A randomized diagnostic trial*

Beverly B. Green, MD, MPH

10:45-11:00 *Wrap-up Interactive Q&A*

11:00-11:30 VB&H POSTER SESSION SET UP

11:30-12:15 NETWORKING LUNCH

HYPERTENSION IN PREGNANCY

Chair: Rachel G. Sinkov, MD

12:15-12:40 *Hypertension in pregnancy: Myths, assumptions, misconceptions and heroics*

Vesna D. Garovic, MD, PhD

12:40-12:50 Q&A

12:50-1:15 *Mechanisms and causes of hypertension during pregnancy*

Babbette LaMarca, PhD

1:15-1:25 Q&A

1:25-1:30 BREAK

1:30-1:55 *Preeclampsia and future cardiovascular disease*

Lisa D. Levine, MD, MSCE

1:55-2:05 Q&A

2:05-2:30 *Targeted therapies for preeclampsia*

S. Ananth Karumanchi, MD

2:30-2:40 Q&A

Thursday, April 28, 2022

2:40-3:15 SYMPOSIUM KEYNOTE LECTURE

Antihypertension therapy for mild chronic hypertension and pregnancy outcomes: A pragmatic multicenter randomized controlled trial

Alan T.N. Tita, MD

3:15-3:30 *Wrap-up Interactive Q&A*

Thursday, April 28, 2022

3:45pm – 5:00pm

22nd Annual VB&H Poster Session

UAB Alumni House | 1301 10th Avenue South

Friday, April 29, 2022

8:00 AM – 8:30 AM ARRIVALS & BREAKFAST

HYPERTENSION AND DISPARITIES IN CHRONIC DISEASES

Chair: TBD

8:30-9:00 *Building a regional platform for research to address disparities in cardiometabolic disease*

Gareth R. Dutton, PhD

9:00-9:15 Q&A

9:15-9:45 *Obesity-induced hypertension and kidney disease: drivers of heart failure with preserved ejection fraction*

Michael E. Hall, MD, MSc

9:45-10:00 Q&A

10:00-10:30 *Intensive lifestyle interventions in medical settings: Impact on cardiometabolic risk factors*

Peter T. Katzmarzyk, PhD

10:30-10:45 Q&A

10:45-11:15 *Developing and diffusing sustainable cardiometabolic intervention packages in primary care settings: Leveraging optimization trials, machine learning and artificial intelligence*

Tapan Mehta, PhD

11:15-11:30 Q&A

11:30-12:15 LUNCH AND AWARDS

12:15-12:30 DEPARTURES

Abstract
Submission
Deadline
Monday April 11

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32nd Annual Vascular Biology & Hypertension External Symposium Faculty



Vesna D. Garovic, MD, PhD

Professor and Chair, Division of Nephrology and Hypertension
Department of Obstetrics & Gynecology
Associate Research Chair, Department of Medicine
Director, Clinical Research and Trials Units, Mayo Clinic Center
for Clinical and Translational Science, Mayo Clinic
Rochester, Minnesota



Beverly B. Green, MD, MPH

Senior Investigator, Kaiser Permanente
Washington Health Research Institute
Seattle, Washington



Michael E. Hall, MD, MSc

Interim Chair, Department of Medicine
Director of Clinical and Population Studies, Mississippi
Center for Clinical and Translational Research
University of Mississippi Medical Center
Jackson, Mississippi



S. Ananth Karumanchi, MD

Staff Physician, Cedars-Sinai Medical Center
Director, Center for Renovascular Research
Los Angeles, California



Peter T. Katzmarzyk, PhD

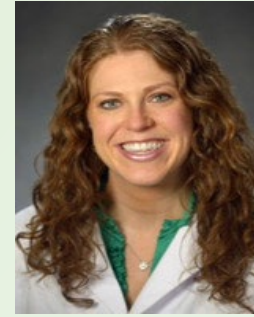
Professor and Marie Edana Corcoran Endowed Chair in
Pediatric Obesity and Diabetes, Associate Executive
Director for Population and Public Health Sciences
Pennington Biomedical Research Center
Baton Rouge, Louisiana

32nd Annual Vascular Biology & Hypertension External Symposium Faculty



Babbette LaMarca, PhD

Professor and Chair, Department of Pharmacology & Toxicology
Clinical Research Director, Center for Excellence in Perinatal Research
University of Mississippi Medical Center
Jackson, Mississippi



Lisa D. Levine, MD, MSCE

Michael T. Mennuti, M.D. Associate Professor in Reproductive
Health, Program Director, Maternal Fetal Medicine Fellowship
Department of Obstetrics & Gynecology
Director, Pregnancy and Heart Disease Program
The Hospital of the University of Pennsylvania
Philadelphia, Pennsylvania



Daichi Shimbo, MD

Professor and Director
The Columbia Hypertension Center
Director, Shimbo Hypertension Lab
Columbia University Irving Medical Center
New York, New York



Raymond R. Townsend, MD

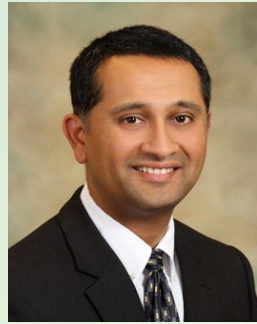
Professor
Nephrology and Hypertension
University of Pennsylvania Medical Center
Philadelphia, Pennsylvania

32nd Annual Vascular Biology & Hypertension Internal Symposium Faculty



Gareth R. Dutton, PhD

Endowed Professor of Diabetes
Prevention & Control
Department of Medicine
UAB Heersink School of Medicine



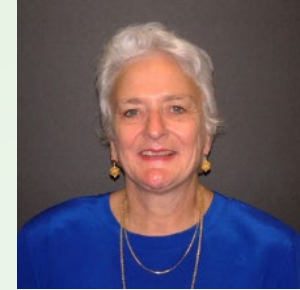
Tapan Mehta, PhD

Associate Professor and Director of Research
Department of Health Services Administration
UAB, School of Health Professions



Paul Muntner, PhD

Professor and Associate Dean for Research
Department of Epidemiology
UAB, School of Public Health
Co-Director, Hypertension Research Center



Suzanne Oparil, MD

Distinguished Professor and Director
Vascular Biology and Hypertension Program
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David M. Pollock, PhD

Professor and Co-Director
Cardio-Renal Physiology and Medicine
Division of Nephrology, Department of Medicine
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Rachel G. Sinkey, MD

Assistant Professor
Division of Maternal-Fetal Medicine
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Alan T.N. Tita, MD

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