Thursday, April 28, 2022
8:00 AM – 8:30 AM ARRIVALS & BREAKFAST

BLOOD PRESSURE MEASUREMENT
Chair: Suzanne Oparil, MD
8:30–8:35: Take-home points from the 2019 AHA Scientific Statement on Blood Pressure Measurement
Paul Muller, PhD
8:35–9:00 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 Shimo, 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 AHA POSTER SESSION SET UP

11:30-12:15 NETWORKING LUNCH

HYPERTENSION IN PREGNANCY
Chair: Rachel G. Sinirly, MD
12:15–12:40 Hypertension in pregnancy: Myths, assumptions, misconceptions and hercules
Visna D. Garovic, MD, PhD
12:40–12:55 Q&A
12:50–1:10: Mechanisms and causes of hypertension during pregnancy
Babette LaMarca, PhD
1:10–1:25 Q&A
1:25–1:30 BREAK
1:30–1:50: Preeclampsia and future cardiovascular disease
Lisa L. Levine, MD, MSCE
1:50–2:00 Q&A
2:00–2:30 Targeted therapies for preeclampsia
S. Armin Karmamish, MD
2:30–3:00 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 – 9:30 AM ARRIVALS & BREAKFAST

HYPERTENSION AND DISPARITIES IN CHRONIC DISEASES
Chair: TBD
8:30–9:30: 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. Kalmannzyk, 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 Menda, 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
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
Division of Cardiovascular Disease
Department of Medicine
UAB Heersink School of Medicine

David M. Pollock, PhD
Professor and Co-Director
Cardio-Renal Physiology and Medicine
Division of Nephrology, Department of Medicine
UAB Heersink School of Medicine
Co-Director, Hypertension Research Center

Rachel G. Sinkey, MD
Assistant Professor
Division of Maternal-Fetal Medicine
UAB, Department of Obstetrics and Gynecology
Center for Women's Reproductive Health

Alan T.N. Tita, MD
Professor, Division of Maternal-Fetal Medicine
Department of Obstetrics and Gynecology
UAB Heersink School of Medicine
Director, Center for Women's Reproductive Health