First Annual Symposium of the UAB Comprehensive Cardiovascular Center

Focus on Heart Failure

Featuring national and international speakers

October 19-20, 2012

Renaissance Birmingham Ross Bridge Golf Resort & Spa

4000 Grand Avenue
Birmingham, Alabama 35226

SPONSORED BY
University of Alabama at Birmingham
Comprehensive Cardiovascular Center
Division of Cardiovascular Disease
Department of Medicine
and Division of CME

Register online
uab.edu/medicine/cardiovascularcenter
AGENDA—Friday, October 19, 2012

7:30–7:55 a.m. Continental breakfast and check-in
7:55–8:00 a.m. Welcome – Sumanth D. Prabhu, M.D.

8:00–10:00 a.m. Inflammation in Heart Failure
Moderator: Tariq Hamid, Ph.D.
8:00–8:30 a.m. Sumanth D. Prabhu, M.D. “New Insights on Tumor Necrosis Factor and Heart Failure”
8:30–8:40 a.m. Q&A
8:40–9:10 a.m. Nikolaos G. Frangogiannis, M.D. “Inflammation and Fibrosis in Diastolic Heart Failure”
9:10–9:20 a.m. Q&A
9:20–9:50 a.m. Lorrie A. Kirshenbaum, M.D. “NF-kappaB, Inflammation, and Cell Death in Heart Failure”
9:50–10:00 a.m. Q&A
10:00–10:30 a.m. Break

10:30 a.m.–12:30 p.m. Oxidative Stress and Bioenergetics
Moderator: Lufang Zhou, Ph.D.
10:30–11:00 a.m. Louis J. Dell’Italia, M.D./Victor Darley-Usmar, Ph.D. “Oxidative Stress and Bioenergetics in the Volume-Overloaded Heart”
11:00–11:10 a.m. Q&A
11:10–11:40 a.m. Robert G. Weiss, M.D. “Oxidative Stress and Bioenergetics in Cardiac Function”
11:40–11:50 a.m. Q&A
11:50 a.m.–12:20 p.m. Pieter de Tombe, M.D. “Oxidative Stress and Bioenergetics Connection to the Contractile Apparatus”
12:20–12:30 p.m. Q&A
12:30–1:30 p.m. Lunch

1:30–3:30 p.m.: Diastolic Heart Failure and Pulmonary Hypertension
Moderator: Robert Bourge, M.D.
1:30–2:00 p.m. José A. Tallaj, M.D. “Update in Pulmonary Hypertension: What the Cardiologist Needs to Know, from Etiology to Management”
2:00–2:10 p.m. Q&A
2:10–2:40 p.m. Himanshu Gupta, M.D. “New Imaging Technique in Diastolic Dysfunction and Pulmonary Hypertension”
2:40–2:50 p.m. Q&A
2:50–3:20 p.m. William Little, M.D. “What Is Diastolic Dysfunction?”
3:20–3:30 p.m. Q&A
3:30–5:00 p.m. Poster session
6:30 p.m. Symposium dinner

AGENDA—Saturday, October 20, 2012

7:30–8:00 a.m. Continental breakfast

8:00–10:40 a.m. Mechanical Circulatory Support
Moderator: Deepak Acharya, M.D.
8:00–8:30 a.m. Salpy V. Pamboukian, M.D. “Management of Patients with Mechanical Circulatory Support: Time for Evidence-Based Approaches”
8:30–8:40 a.m. Q&A
8:40–9:10 a.m. James K. Kirklin, M.D. “Are We Ready to Triage Selected Patients Off the Transplant List to MCS Therapy?”
9:10–9:20 a.m. Q&A

9:20–9:30 a.m. Break

9:30–10:00 a.m. Dennis McNamara, M.D. “LVADS for Recovery and Restoration: Molecular Insights and Future Directions”
10:00–10:10 a.m. Q&A
10:10–10:40 a.m. Francis D. Pagani, M.D., Ph.D. “Mechanical Circulatory Support: Current Technologies and Future Directions”
10:40–10:50 a.m. Q&A
10:50–11:00 a.m. Wrap-up
11:00 a.m. Adjourn
FACULTY

PROGRAM DIRECTORS

Sumanth D. Prabhu, MD
Professor of Medicine and Cell, Developmental, and Integrative Biology
Director, Division of Cardiovascular Disease
Mary Gertrude Waters Chair of Cardiovascular Medicine
Director, Comprehensive Cardiovascular Center
Course Director

Dennis M. McNamara, MD
Professor of Medicine
Director, Heart Failure/Transplant Program
Cardiovascular Institute
University of Pittsburgh Medical Center

Francis D. Pagani, MD, PhD
Otto Gago, MD, Professor of Surgery
Department of Cardiac Surgery
University of Michigan

Pieter P. de Tombe, PhD
James R. DePauw Professor of Physiology
Chair, Department of Cell and Molecular Physiology
Director, Cardiovascular Research Center
Loyola University Chicago
Maywood, Illinois

Robert Weiss, MD
Clarence Doodeman Professor of Cardiology
The Johns Hopkins Hospital
Baltimore, Maryland

UAB FACULTY

Victor M. Darley-Usmar, PhD
Endowed Professor of Mitochondrial Medicine and Pathology
Vice Chair of Research, Department of Pathology
Director, UAB Center for Free Radical Biology

Himanshu Gupta, MD
Associate Professor of Medicine, Radiology, and Mechanical Engineering
Associate Director, UAB Cardiovascular MRI

James K. Kirklin, MD
Division of Cardiothoracic Surgery

GUEST FACULTY

Nikolaos G. Frangogiannis, MD
The Edmont J. Safra/Republic National Bank of New York Professor of Cardiovascular Medicine
Albert Einstein College of Medicine
Bronx, New York

Lorrie A. Kirshenbaum, MD
Director of Research Development
Faculty of Medicine, University of Manitoba
Canada Research Chair in Molecular Cardiology
Professor, Departments of Physiology and Pharmacology and Therapeutics
Institute of Cardiovascular Sciences
St. Boniface General Hospital Research Centre
Winnipeg, Manitoba, Canada

William C. Little, MD
McMichael Professor of Cardiology
Vice Chair, Department of Internal Medicine
Wake Forest School of Medicine

PROGRAM DIRECTORS

Sumanth D. Prabhu, MD
Professor of Medicine and Cell, Developmental, and Integrative Biology
Director, Division of Cardiovascular Disease
Mary Gertrude Waters Chair of Cardiovascular Medicine
Director, Comprehensive Cardiovascular Center
Course Director

Lois J. Dell'Italia, MD
Professor of Medicine, Division of Cardiovascular Disease and Cell, Developmental, and Integrative Biology
Co-Director, Comprehensive Cardiovascular Center
Associate Chief of Staff, Birmingham VA Medical Center
Elmer and Glenda Harris Endowed Chair in Cardiovascular Disease
Course Co-Director

Salpy V. Pamboukian, MD
Associate Professor of Medicine
Medical Director, Mechanical Circulatory Support Device Program
Section of Advanced Heart Failure/Heart Transplantation and Pulmonary Vascular Disease
Course Co-Director

José A. Tallaj, MD
Associate Professor of Medicine
Director, Heart Transplant Program
Section of Advanced Heart Failure/Heart Transplantation and Pulmonary Vascular Disease
Course Co-Director

MODERATORS

Deepak Acharya, MD
Assistant Professor of Medicine

Robert C. Bourge, MD
Professor of Medicine, Radiology, and Surgery
Drummond Professor of Cardiovascular Medicine
Vice Chair of Clinical Affairs and Development, Department of Medicine

Tariq Hamid, PhD
Assistant Professor of Medicine

Lufang Zhou, PhD
Assistant Professor of Medicine

CONFERENCE REGISTRATION

Register online at www.uab.edu/cardiovascularcenter or complete the following form (please print) and mail:

Name____________________________________
Degree____________________________________
Specialty__________________________________
Mailing address_____________________________
_________________________________________
_________________________________________
E-mail address_______________________________
Home phone_______________________________
Office phone_______________________________

Mail to:
Focus on Heart Failure 2012
Attn: Alicia Farley
UAB Comprehensive Cardiovascular Center
THT 311 – 1900 University Boulevard
1720 2nd Avenue South
Birmingham, AL 35294-0006

Renaissance Birmingham Ross Bridge Golf Resort & Spa Reservations:
Rate of $169 ($192.66, including lodging tax) per night, per availability

A block of rooms has been reserved for registrants. To reserve, call Reservations at (205) 916-7677 and ask for the UAB Comprehensive Cardiovascular Center rate.
EDUCATIONAL OBJECTIVES

This meeting is designed to provide scientists and clinicians with the most current information concerning recent advances in clinical care and applied research in the treatment of patients with heart failure.

After attending this symposium, participants should be able to:

1) Identify signs of heart failure that are refractory and require a mechanical device or transplantation.

2) Improve therapy of heart failure with preserved ejection fraction.

3) More fully understand underlying biochemical mechanisms of heart failure.

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

The University of Alabama School of Medicine designates this educational activity for a maximum of 8.75 AMA PRA Category 1 credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

UAB is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable, and family-friendly environment in which all faculty and staff can excel and achieve work/life balance irrespective of ethnicity, gender, faith, gender identity and expression as well as sexual orientation. UAB also encourages applications from individuals with disabilities and veterans.