

Hypertension and the CardioMetabolic Syndrome



School
of Medicine

University of Missouri Health System

Target Audience:

Clinical cardiologists, endocrinologists and nephrologists, as well as the midwest life sciences and biomedical communities.

Learning Objectives:

Discuss the latest in hypertension research as it relates to metabolic complications of cardiovascular disease.

Provide updates in management of hypertension as it relates to metabolic complications of cardiovascular disease.

Questions?

Call the CME Office at (573) 882-0366,
via email, walterssj@health.missouri.edu
or visit our website at
som.missouri.edu/CME

October 15, 2009

Hampton Inn & Suites

PROGRAM

- 7:00 Registration, continental breakfast**
- 8:00 Introduction, Welcome, Announcements**
Kevin C. Dellsperger, MD, PhD, Marie L. Vorbeck Chair, Professor and Chairman, Internal Medicine, University of Missouri School of Medicine, Columbia, Missouri
- 8:15 Hypertension Awareness and Control in North America - Warren Lockette, MD**, Professor of Medicine, University of California San Diego, San Diego, California
- 8:45 Hypertension as a CardioMetabolic Risk Factor**
Douglas Vaughan, MD, Chair, Department of Medicine, Northwestern University, Professor, Division of Cardiology, The Feinberg School of Medicine, Chicago, Illinois
- 9:15 How Recent Clinical Trials Will Affect Guidelines for Managing Hypertension - Michael Weber, MD**, Professor of Medicine, Department of Cardiology, SUNY Downstate Medical Center, Brooklyn, New York
- 9:45 BREAK**
- CONCURRENT SESSION I:**
Obesity Related Cardiovascular Disease
Moderator: Paul J. Fadel, PhD, Assistant Professor, Department of Medical Pharmacology and Physiology, University of Missouri School of Medicine, Columbia, Missouri
- 10:00 Adipocytes, Vascular Remodeling and Hypertension**
Rhian Touyz, MD, PhD, Canada Research Chair in Hypertension, University of Ottawa, Kidney Research Centre, Ottawa Health Research Institute, Ottawa, Ontario, Canada
- 10:30 The Role of RAS and Salt in Hypertension**
Ed Frohlich, MD, Vice President for Academic Affairs and Vice President for Education and Research, Alton Ochsner Medical Foundation, New Orleans, Louisiana
- 11:00 Role of Aldosterone in Obesity Related CVD**
James Matthew Luther, MD, MSCI, Assistant Professor of Medicine and Pharmacology, Division of Clinical Pharmacology, Vanderbilt University, Nashville, Tennessee

Continued on reverse

Program continued

11:30 Uric Acid and Renal Disease - Dalila B. Corry, MD, FAHA, Professor of Clinical Medicine, UCLA Olive View Medical Center, Sylmar, California

CONCURRENT SESSION II:

Insulin Resistance in the Management of Hypertension

Moderator: Frank Booth, PhD, Professor, Departments of Biomedical Sciences, Medical Pharmacology and Physiology and Nutrition and Exercise Physiology, University of Missouri School of Medicine, Columbia, Missouri

10:00 Intrarenal/Intrabubular RAS in Hypertension and Diabetes L Gabriel Navar, PhD, Chair, Department of Physiology and Director, Center of Biomedical Research, Tulane University Health Sciences Center, New Orleans, Louisiana

10:30 Endothelial Dysfunction in Insulin Resistance and Diabetes - Ming-Hui Zou, MD, PhD, Director, Vascular Biology Program, Professor of Medicine, Cell Biology and Physiology, Travis Endowed Chair, Professor in Endocrinology, University of Oklahoma Health Science Center, Oklahoma City, Oklahoma

11:00 Vascular Implications for Cardiovascular Insulin Resistance - Ernesto Schiffrin, MD, PhD, FRSC, FRCPC, FACP, Physician-In-Chief, Sir Mortimer B Davis-Jewish General Hospital; Canada Research Chair & Director, Hypertension and Vascular Research Unit, Lady Davis Institute; Professor and Vice Chair, Research, Department of Medicine, McGill University, Montreal, Quebec, Canada

11:30 Uric Acid in Hypertension and the CardioMetabolic Syndrome - Michael L. Tuck, MD, Chief, Endocrinology and Metabolism, UCLA Olive View Medical Center, and Professor of Medicine, UCLA School of Medicine and VA Medical Center, Sepulveda, California

12:00 BREAK

12:10 Lunch and Keynote Speakers

12:30 Implications of Hypertension Management in the CardioMetabolic Syndrome Carlos Ferrario, MD, FAHA, FASA, FACC, Professor, Wake Forest University School of Medicine, Winston Salem, North Carolina

1:00 Emerging Therapies for Hypertension in the Metabolic Syndrome - Celso Gomez Sanchez, MD, Staff Physician, G V Montgomery Veterans Administration Medical Center, Jackson, Mississippi

1:30 Abstract/Poster Presentations, Refreshments

Closing Session

Moderator: David Gardner, MD, Associate Professor, Department of Internal Medicine, Division of Endocrinology, Diabetes and Metabolism, University of Missouri School of Medicine, Columbia, Missouri

2:30 Obesity, Hypertension and the CardioMetabolic Syndrome in the Pediatric/Adolescent Population Michael J. Gardner, MD, Assistant Professor of Clinical Medicine, Department of Internal Medicine, Division of Endocrinology, Diabetes and Metabolism, University of Missouri School of Medicine, Columbia, Missouri

3:00 Closing Remarks - James R. Sowers, MD, ASCI, FAHA, FACP

3:10 Adjourn

ABSTRACTS:

- **Submissions:** Abstract submissions will be accepted for review beginning September 18, 2009; last date to submit abstracts will be September 28, 2009. Abstracts must be submitted via email to Claire Oser at oserc@health.missouri.edu. Notification of acceptance or rejection will be made by October 2. Abstracts that are selected will be presented in a poster forum at the conference. Poster presenters who are traveling will be awarded a travel grant to include lodging, registration and meals. All abstracts selected will be included in the conference syllabus.
- **Content:** Abstracts should relate to Hypertension and Metabolic related Cardiovascular Disease.
- **Title:** The title should be brief, clearly indicating the nature of the presentation. It should appear in title case (not all caps or lower case), bolded, and *italicized*.
- **Authors:** List all author's names and institutions. Underline the presenting author's name and institution only.
- **Acknowledgements:** Acknowledgements of grant support or funding may be provided at the end of the abstract.
- **Body of Abstract:** 250 word limit or space limitation one page (8.5 X 11). State the purpose of the study (preferably in one sentence). State methods used. Summarize results presented in sufficient detail to support conclusions. State the conclusions reached. (It is not satisfactory to say "The results will be discussed"). Include tables or images only if they are simple, neat and fit within the allowed size limits. You may include both a table and an image but no more than one of each. Use standard abbreviations, e.g. RBC. Use kg., gm., mg., ml., L (liter), mEq., M (meter), and % (percent). Place a special or unusual abbreviation in parentheses after the full word the first time it appears. Use numerals to indicate numbers, except to begin sentences. Use non-proprietary (generic) names of drugs.
- **File Submission:** Preferred file format is Microsoft Word. No fax copies will be accepted in lieu of an electronic file submission.
- **Accepted Abstracts:** Will be presented in a poster forum. Poster size must be 35"H x 48" W. Tri-fold cardboard display boards will be provided as well as easels or table tops for presenting posters.

CONFERENCE CO-CHAIRS

James R. Sowers, MD, ASCI, FAHA, FACP, Thomas W. and Joan F. Burns Missouri Chair in Diabetology, Professor, Departments of Internal Medicine and Medical Pharmacology and Physiology, Director, Division of Endocrinology, Diabetes and Metabolism, Director, Diabetes and Cardiovascular Center of Excellence, University of Missouri School of Medicine, Columbia, Missouri

Adam Whaley-Connell, DO, MSPH, FAHA, FASN, FACP, Assistant Professor, Department of Medicine, Division of Nephrology and Hypertension, University of Missouri School of Medicine, Columbia, Missouri

PLANNING COMMITTEE

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General Information

ACCREDITATION

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

The Office of Continuing Education, School of Medicine, University of Missouri designates this educational activity for a maximum of 6.0 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

REGISTRATION INFORMATION

To register, please complete and return the registration form with payment to the CME office address listed in the box on the left of the registration form. You may also register by FAXing your registration form to the CME office at 573/882=5666 or by completing an online registration at som.missouri.edu/CME. Registration is limited to 150 attendees

PAYMENT METHODS

Fees may be paid by cash, check, or credit card (Discover, MasterCard or Visa). The check should be made payable to the University of Missouri and mailed to the CME Office at: 2401 LeMone Industrial Blvd DC345.00, Columbia, Missouri 65212. To pay by credit card, please fill out the appropriate section of the registration form and sign where indicated.

LOCATION

The conference will be held at the Hampton Inn & Suites at the University of Missouri, located at 1225 Fellows' Place, Columbia, Missouri 65201. Please visit the CME website at som.missouri.edu/CME for a map containing conference and lodging location.

PARKING

Complimentary parking is available at the Hampton Inn & Suites.

LODGING

Guest rooms have been reserved for October 14 and 15, at the Hampton Inn & Suites. Nightly rate is \$99 plus tax. Check in time is 4:00 p.m.; check out time is 11:00 a.m. Reservations made after September 23, 2009, will be provided on a space available basis only. Reservations may be made by contacting the hotel directly at (573)214-2222. Please specify group code "CHXHCM" when making reservations.

SUBSTITUTION AND CANCELLATION REFUND POLICY

A full refund of fees, less \$25 administrative fee, will be made if cancellation is received in writing on or before Friday, September 25, 2009. After September 25 and until October 9, 2009, the administrative fee will increase to \$50. No refunds will be made after October 9, 2009.

Hypertension and the CardioMetabolic Syndrome - October 15, 2009

Registration Form - registration limited to 150 attendees

Registration Fee

\$100.00

\$50.00 **Discounted registration fee** for attendees of the Fall 2009 Meeting of the Microcirculatory Society, Inc.

Please indicate which concurrent session you would like to attend:

Concurrent Session I

Concurrent Session II

The registration fees as listed on the registration form include all conference materials and catered food functions.

Mail completed application and payment to:

Hypertension and the
CardioMetabolic Syndrome - CME
University of Missouri
2401 Lemone Industrial Blvd.,
DC345.00
Columbia, MO 65212

You may also FAX to [573] 882=5666



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Check enclosed (make payable to University of Missouri)

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**University of Missouri
School of Medicine,
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at the University of Missouri

1225 Fellows' Place

Columbia, MO 65201



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