

# Endocrinology and Metabolism Section of the American Physiological Society Newsletter - Spring 2007

## EB07 APS Program Highlights

The Experimental Biology meeting will be held in 2007 in Washington D.C. from Saturday, April 28th thru Wednesday May 2nd. The Section has organized two excellent symposia that will provide state-of-the-art information for the membership. The symposia and times of presentation are listed below:

1. Insulin Resistance and the Cardiometabolic Syndrome: Adipose Tissue and Skeletal Muscle Factors  
Chair James R. Sowers, M.D., Co-chair Craig S. Stump, M.D., Ph.D.  
Sunday 4/29/07 3:15-5:15 PM
2. Estrogen and the Cardiovascular System  
Chair Mark C. Chappell, Ph.D., Co-chair Kathryn Sandberg, Ph.D. Wednesday 5/2/07  
10:30 AM-12:30 PM

The Solomon Berson lecture will be given by Roger Cone, Ph.D. This lecture will be presented on Sunday 4/29/07 at 2:00- 3:00 PM

In addition to the program that was organized by the Section, there are a number of symposia and sessions that will be of interest to members of the Section of Endocrinology and Metabolism. Some of these are listed below:

- Chronic Instrumentation in Conscious Small Animals
- Metabolomic Approaches to Study Cardiovascular Disease Mechanisms and Diagnosis
- Pharmacogenomics of Estrogen and Cardiovascular Disease
- Obesity and the Central Nervous System
- Osmoregulatory Function in Health and Disease
- Circadian Rhythms: From Animals to Humans
- The Impact of Fatty Acids and Glucose on Insulin Resistance Across Species
- Growth Factors, Proliferation and Differentiation in the Gastrointestinal System
- Stem Cells in Physiology and Drug Discovery
- The Power of Comparative Genomics for Understanding Complex Physiological Systems
- Novel Technologies in Physiology and Medicine.
- Forensic Medicine
- Publishing 101: Dos and Don'ts of Publishing in APS Journals
- Sex Steroids in Cardiovascular-Renal Physiology
- Role of Adipose Tissue Macrophages in Obesity-Induced Insulin Resistance

It is worth noting that on Wednesday morning there will be to back-to-back symposia related to the effects of sex steroids on the cardiovascular and renal systems.

Also, there is still time to organize a Featured Topics Session. If you are interested in doing that, please contact Rick Samson at: [samsonwk@SLU.EDU](mailto:samsonwk@SLU.EDU). This is an excellent opportunity to get an area of interest to you presented at the meeting. Look for the final programming online at <http://www.eb2007.org/>.

### **EB07 Late-Breaking Abstract Submission**

It is still not too late to submit an abstract for EB07. The submission deadline is February 28, 2007 at <http://www.eb2007.org/pages/page2.htm>. All late breaking abstracts will be programmed in poster sessions on Wednesday, May 2. Late abstracts will be published in an addendum to the meeting program. The abstracts will also be published in the online version of *The FASEB Journal*. We encourage you to plan on submitting abstracts from your laboratory to EB07 and urging your students, fellows and colleagues to do the same. Doing this will ensure that the meeting will showcase first rate science in endocrinology and metabolism

### **EB07 Awards**

Our section offers awards for individuals in the early stages of their careers. The details of the awards can be found on the APS website at <http://www.the-aps.org/meetings/eb07/awards/endo.htm>. Please join us in congratulating the winners of these awards at the EB07 conference.

- **Virenda B. Mahesh Award of Excellence in Endocrinology-** (\$1,000 plus reimbursement of the advance registration fee)
- **Endocrinology and Metabolism Section New Investigator Award** (\$1,000 plus reimbursement of the advance registration fee)
- **Mead Johnson Research Award in Endocrinology and Metabolism** (\$500 plus reimbursement of the advance registration fee)
- **Endocrinology & Metabolism Section Research Recognition Award** (\$500 plus reimbursement of the advance registration fee)

### **Suggestions for Symposia Topics, Featured Topics, and the Solomon Berson Lecture for 2008:**

It is now time to start the planning for EB 2008. Thus, we need suggestions for symposia topics, featured topics and the Solomon Berson lecture. The initial steps in planning for the 2008 meeting began in December. Your suggestions for symposia topics and featured topics should be sent to our joint programming committee representative, Dr. Samson at: [samsonwk@SLU.EDU](mailto:samsonwk@SLU.EDU). Nominations for the Solomon Berson lecture should be sent to me at: [jimrose@wfubmc.edu](mailto:jimrose@wfubmc.edu). We look forward to receiving your suggestions for these important opportunities for the Section to highlight research in Endocrinology and Metabolism.

### **News from the Liaison with Industry Committee. Section Representative Josh Anthony, Ph.D.**

The LWIC is sponsoring a Symposium entitled "Stem Cells in Physiology and Drug Discovery" at EB07 on Sunday, April 29th from 10:30 - 12:30. This symposium will describe the latest research on stem cells expansion, use of stem cells in target identification and understanding of signaling pathways, as well as its use in Neurodegeneration diseases.

LWIC is also organizing a Translational Symposium entitled "Drug Discovery Efforts for Pain Indications: Ion Channels and GPCRs" at EB07 on Tuesday, May 1st from 8:00 - 10:00 AM. This symposium will describe novel ion channel and GPCR targets for treating chronic pain. The mechanistic rationale for the target as well as the drug testing strategies to identify novel therapeutics will be discussed.

The Novel Disease Model Award will be granted to a graduate student and a postdoctoral fellow who submit the best abstracts at EB2007 that describe a novel disease model. The model can be in vitro or in vivo but should clearly emphasize the potential utility of the system for future research related to a disease. The award is \$500 for the graduate student and \$800 for the postdoctoral fellow and is sponsored by the LWIC

You're invited! Come meet and eat with your fellow physiologists who are working in the corporate sector. The 7th Annual Liaison with Industry Committee Mixer is on at EB2007. Look for full details in EB07 program book

### **Public Affairs Events at EB**

While there will be plenty of events to keep you busy at the meeting, please consider setting aside a few hours during the meeting or just before you go home

to visit Capitol Hill. The biggest topic of concern for most of us will be federal research funding. A quick start guide plus a tip sheet for successful Congressional meetings have been posted on the EB web site at <http://www.the-aps.org/pa/ebweb/index.htm>. ) For more information on making visits, please contact APS Science Policy Analyst Rebecca Osthus at [rosthus@the-aps.org](mailto:rosthus@the-aps.org).

In addition, two EB sessions can help you prepare:

- “Making the case for federally-funded research: Communicating with Congress.” (Saturday, April 28 1-3 pm. Sponsored by the APS Communications Committee)
- “NIH at the Crossroads: How Diminished Funds Will Impact Biomedical Research and What Scientists Can Do About It” is an EB symposium that features NIH Director Elias Zerhouni and former Congressman John Porter. (Monday April 30, 12:45-1:45)

Another area of concern for many APS members is legislation to add new regulations or other restrictions on the use of animals in research. Members of Congress are deluged with email and letters from constituents who oppose animal research. For talking points on animal research issues, contact APS Director of Government Relations Alice Ra’anan at [araan@the-aps.org](mailto:araan@the-aps.org).

### **Final comments**

Please consider nominating some of your colleagues for positions of leadership in the American Physiological Society. This is an excellent opportunity to get more representation for investigators working in the area of endocrinology and metabolism in the leadership positions of the APS.

We look forward to seeing you at the EB07 meeting in Washington, DC.

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Jill Bush, Secretary, Endocrinology and Metabolism Section, [jbush@uh.edu](mailto:jbush@uh.edu)