

**Section On Endocrinology And Metabolism,
American Physiological Society Newsletter
Summer 2006**

At the EB 2006 meeting in San Francisco, the Section made the following awards to faculty, postdoctoral fellows and graduate students. The recipients of the awards were chosen by the Section Steering Committee and the postdoctoral and graduate student awards were based on the excellence of research presented at the meeting.

New Investigator Award:

Bettina Mittendorfer, Ph.D., Research Assistant, Professor of Medicine, Washington University School of Medicine.

Virendra B. Mahesh Award for Excellence in Endocrinology:

Pierre-Yves Jayet

Nitro-aspirin improves high-fat diet induced insulin resistance in mice by attenuation of iNOS induction in skeletal muscle tissue.

Pierre-Yves Jayet, Pierre Dessen, Sebastien Thalmann, Macros Schwab, Peter Vollenweider, Claudio Sartori, Urs Scherrer. Internal Medicine, CHUV, Lausanne, Switzerland.

Mead Johnson Research Award in Endocrinology and Metabolism - Young Investigator:

Damian G. Romero, Ph.D.

RGS4 is a negative feedback mechanism of Angiotensin II-mediated aldosterone production in human adrenal glands.

Damian G. Romero, Maria W. Plonczynski, Licy L Yanes, Tanganika R. Washington, Gina Covington, Elise P. Gomez-Sanchez, Celso E. Gomez-Sanchez. Depts. of Medicine and Physiology and Biophysics, University of Mississippi Medical Center and GV Montgomery VA Medical Center, Jackson, MS.

Sherry O. Kasper, Ph.D.

Thermal Injury Induced Insulin Resistance is Associated with the Renin-Angiotensin System (RAS).

S.O. Kasper, S.M. Castle, B.J. Daley, B.L. Enderson, M.D. Karlstad. Dept. of Surgery, Univ. of Tenn. Med. Ctr., Knoxville, TN

Endocrinology and Metabolism Section Research Recognition Award:

Ellis B. Jensen

Calcium/Calmodulin-Activated Protein Kinase may be Important for Regulating GLUT4 Expression in Response to Exercise Training. Ellis B. Jensen, R. Sanders Williams, Rhonda Susan Bassel-Duby, G. Lynis Dohm. Health and Human Performance, East Carolina University, Greenville, NC.

Michella S. Coelho

Cross-talk between inflammatory and insulin signaling may contribute to insulin resistance induced by salt intake: Effect of losartan on JNK activity and Akt phosphorylation. Michella Soares Coelho, Ivone B. Oliveria, Patricia O. Prada, Mario J.A. Saad, Joel C. Heimann. University of Sao Paulo School of Medicine, USP, Sao Paulo, Brazil and State University, UNICAMP, Campinas, Brazil.

Eric D. Berglund

Insulin secretory response in conscious FVB/NJ and DBA/2J mice. E.D. Berglund, J.E. Ayala, F.D. James D.P. Bracy, J. Bergman, M.M. Jewell, A.C. Powers, and D.H. Wasserman. Department of Molecular Physiology and Biophysics, Vanderbilt University, Nashville, TN.

Henning F. Kramer

Rab-GAP AS160 is differentially regulated by multiple effectors of glucose transport in mouse skeletal muscle. H.F. Kramer, C.A. Witczak, M.F. Hirshman, N. Fujii, N. Jessen, R. Ho, D. Arnolds, K. Sakamoto, G.E. Lienhard, L.J., L.J. Goodyear. Joslin Diabetes Ctr. and Dartmouth, Med. Sch. Hanover, NH.

EB Meeting for 2007:

The Endocrinology and Metabolism Section of the APS is sponsoring three outstanding symposia at EB 2007. They are:

Sex Hormones and Cardiovascular Regulation

Chair - Mark C. Chappell, Ph.D.

Co-Chair - Kathryn Sandberg, Ph.D.

Insulin Resistance and Cardiometabolic Syndrome: Adipose Tissue and Skeletal Muscle Factors

Chair - James R. Sowers, M.D.

Co-Chair - Craig S. Stump, M.D., Ph.D.

The Soloman Berson Lecturer will be Roger D. Cone, Ph.D., Senior Scientist, Vollum Institute and Director, Center for the Study of Weight Reduction and Associated Disorders at Oregon Health Sciences University

Current Steering Committee Members:

Position

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Dr. Mahesh:

The Steering Committee wishes to acknowledge the outstanding leadership provided by Dr. Virendra B. Mahesh in his tenure as Chair. His efforts on behalf of the American Physiological Society and the Section are greatly appreciated.

Participation in EB 2007:

Now is the time to begin thinking about participating in the EB 2007 meeting to be held in Washington, DC. This meeting is an excellent venue for postdoctoral fellows and graduate students in your laboratory to present their work. In addition, as you can see from the listing of awards above, there is a very good chance that your fellows or students can receive recognition at the meeting for their research. Please consider submitting abstracts in the Section classification this fall.