Cross Sectional Symposium

Endoplasmic Reticulum Stress at the Crossroad Between Fatty Liver, Leptin Resistance, Obesity and Diabetes.

Sunday, April 25th. 10:30 A.M.-12:30 P.M. Ballroom B
Ivan Torre-Villalvazo, Instituto Nacional de Ciencias Médicas y Nutrición, Mexico
Toru Hosoi, Hiroshima University
D. Thomas Rutkowski, University of Iowa
Ann-Hwee Lee, Harvard School of Public Health
Miriam Cnop, Université Libre de Bruxelles

Featured Topic Symposium

Gastrointestinal Development and Disease

Monday, April 26th. 8:00 -10:00 A.M. Room 303A
Jessica Dominguez, University of Colorado, Denver
Jennifer Uno, University of North Carolina, Chapel Hill
Thad Stappenbeck, Washington University
David Hackam, University of Pittsburgh
Additional speakers from submitted abstracts

Research Symposium

Current Understanding of the Mechanisms and Regulation of Intestinal Vitamin, Trace Elements and Metal Transport

Monday, April 26th. 10:30 A.M.-12:30 P.M. Ballroom A
Hamid Said, University of California, Irvine
Robert J. Cousins, University of Florida
Greg Anderson, Queensland Institute of Medical Research, Australia
Raymond Burk, Vanderbilt University

Featured Topic Symposium

Novel Gastrointestinal Nutrient Sensors

Monday, April 26th. 3:15 - 5:15 P.M. Room 303D
Stephen Crozier, University of Michigan
Helen Raybould, University of California at Davis
Stephen Wank, NIDDK
Additional speakers from submitted abstracts

YOUR IDEAS HERE!!!!

Now is the time to generate ideas for EB2011 Sessions. We have been allocated two Research Symposia (usually up to 4 invited speakers) and two Featured Topic Symposia for Experimental Biology 2011, which will be held April 9-13 in Washington, DC. We need great ideas and session proposals for consideration by the GIL section programming committee, which will occur during this year’s meeting in late April. If you have ideas, please contact Jamie Collins (jfcollins@ufl.edu) ASAP.
The Gastrointestinal and Liver Physiology Section Horace W. Davenport Distinguished Lectureship honors one of the most distinguished members of the Gastrointestinal & Liver Physiology Section and past APS president Horace W. Davenport. This is the most prestigious award of the APS Gastrointestinal & Liver Physiology Section. The award recognizes distinguished lifetime achievement in gastrointestinal and liver physiological research, including accomplishments in research, teaching, training and activities within the APS.

2010 Horace W. Davenport Distinguished Lecturer of the GI and Liver Section

Tuesday, April 27th. 10:30 -11:30 A.M. Ballroom A

“Birth of a Neuron: serotonin and neurogenesis in the adult ENS”

Michael Gershon, M.D.
Professor & Chair
Department of Anatomy and Cell Biology
Columbia University

It’s not too late to register for EB2010 in beautiful Anaheim, California.

The science will be great! Six societies will be represented and will span the scientific disciplines. There are also great networking and career development opportunities.

And, if you (or, more likely, your family) aren’t that impressed by the science, there’s always Disneyland!

Discounts to Anaheim area attractions, restaurants, and shops are available at: http://www.anaheimoc.org/microsites/sites/EB2010.asp
Gl and Liver Section Trainee Symposium
Monday, April 26th. 5:45 - 8:00 P.M. Marquis Ballroom Northeast, Anaheim Marriott

Congratulations to Recipients of the 2010 GIL Section Research Recognition Awardees

Undergraduate Students
Alexandr J Samocha (University of Pennsylvania)*
Colin J Mitchell (University of Cincinnati)

Graduate Students
Alice Liou (University of California at Davis)*
Charles S Hummel (UCLA–Geffen School of Medicine)
David R Raleigh (University of Chicago)

Postdoctoral Fellows
Karen L Edelblum (University of Chicago)*
Takuji Suzuki (University of Medicine and Dentistry of New Jersey)
Jennifer K Uno (University of North Carolina at Chapel Hill)

Junior Faculty
Geetha Samak (University of Tennessee)*

*Oral presentation at Trainee Poster Symposium

For the second year, we are pleased to offer a special GIL Trainee Poster Symposium to showcase the work of our trainees! The symposium will bring together undergraduate students, graduate students, and postdoctoral fellows to increase interactions between trainees and experts in the field of gastrointestinal research. Included in this symposium is a competition for extra monetary awards for trainees who did not receive Research Recognition Awards (above). In addition, the recipients of Research Recognition Awards will be presenting their work as posters and there will be a brief oral symposium. Please plan on coming to the symposium to support our trainees!

All trainees who present posters (except those who received Research Recognition Awards) are eligible for the new GIL Predoctoral and Postdoctoral Poster Awards. These awards ($500 each) are designed to recognize a predoctoral (undergraduate or graduate) trainee and a postdoctoral trainee who are engaged in gastrointestinal and liver research. The awards are given based on poster presentations at the GIL Trainee Poster Symposium. This presentation is in addition to the regular EB poster presentation. The final decision of awards will be based on the quality of research, a short poster presentation, and responses to several questions. Awardees will be recognized at the EB09 GI and Liver Section Banquet and Business Meeting, to be held April 27th, 2010.
don’t forget the great sessions by other EB societies

The Walter B. Cannon Memorial Award Lecture
Saturday, April 24th. 5:45 - 6:45 P.M. Ballroom B/C
Jeffrey J. Fredberg, Harvard Univ. Sch. of Public Health.
The APS Opening Reception in Ballroom A directly follows the lecture.

Hans Ussing Lecture
Sunday, April 25th. 8:00 - 10:00 A.M. Anaheim Marriott, Platinum 3/4
Paul Quinton, UCSD
CFTR Channels.

Ion Transport in Cancer
Sunday, April 25th. 10:30 A.M. - 12:30 P.M. Room 303C
Cathy Fuller, Dale Benos, Natalia Prevarskaya, Annarosa Arcangeli, Ken Gannon

Molecular physiology of iron homeostasis and its disorders
Sunday, April 25th. 3:15 - 5:15 P.M. Anaheim Marriott, Platinum 1/2
Tomas Ganz, Elizabeta Nemeth, Herbert Lin, Cindy Roy, Karin Finberg

Caveolar Microdomains, Signaling and Disease
Monday, April 26th. 10:30 A.M. - 12:30 P.M. Room 303C
Paul A. Insel, Hemal H. Patel, Susan F. Steinberg

Epithelial Barrier Function in Inflammatory Bowel Diseases
Tuesday,April 27th. 8:00 - 10:00 A.M. Room 303C
Michael Fromm, Jerry Turner, Joerg Schulzke

Inflammatory Responses and Hypoxia-Inducible Pathways
Tuesday, April 27th. 10:30 A.M. - 12:30 P.M. Anaheim Marriott, Platinum 1/2
Sean Colgan, Holger K. Eltzschig, Cormac Taylor, Randall Johnson, Mikhail Sitkovsky, Holger Eltzschig

One Hundred Years of Starling: His Contributions to Physiology
Tuesday, April 27th. 10:30 A.M. - 12:30 P.M. Ballroom B
Jane F. Reckelhoff, Rafael Rubio, Charles Michel, John E. Hall, Virginia H. Huxley, R. John Solaro

Hugh Davson Distinguished Lectureship of the Cell & Molecular Physiology Section
Tuesday,April 27th. 3:15 - 4:15 P.M. Ballroom C
Sergio Grinstein, Hosp. for Sick Children-Toronto

Integrins: New Insights and Therapeutic Targets
Wednesday, April 28th. 8:00 - 10:00 A.M. Ballroom C
Shaila Basavappa, Gordon MacGregor, Mark Ginsberg, Eric Fedyk, David Schlaepfer, Motomu Shimaoka

Vitamin D Deficiency and its Impact on Health.
Wednesday. April 28th 8:00 - 10:00 A.M. Room 303A
Diane L. Kamen, Vin Tangpricha, Bruce Hollis, Cynthia Aranow, Yan Chun Li, Michael F. Holick

Cytoskeleton-Associated Motors and Tethers In Epithelial Polarity and Trafficking
Wednesday, April 28th 8:00 - 10:00 A.M. Room 207C
Bruce Stanton, Dennis Brown, Trina Schroer, Mark Mooseker, Enrique Rodriguez-Boulan, Dean Madden
Publish, Not Perish: How to Survive the Peer Review Process
Sponsored by the Trainee Advisory Committee
Monday, April 26th, 3:15 - 5:15 P.M. Room 303A
This symposium will focus on the peer review process and provide effective tools to be able to write, review, and publish high quality scientific manuscripts. Specifically, speakers will focus on: 1) how to select a journal; 2) who the reviewers are and what they look for; 3) how to effectively respond to reviewers; and 4) how to be a constructive reviewer.

Other trainee-related EB symposia
Science Beyond the Laboratory: From Grad School Through Retirement
   Saturday, 4/24 from 1:00-3:00 PM in Room 303B

Government Careers in Physiology Revealed
   Sunday, 4/25 from 8:00-10:00 AM in Room 303B

Publishing 101: Dos and Don’ts of Publishing in APS Journals
   Monday, 4/26 from 10:30 AM-12:30 PM in Room 303A

A Primer for the New PI: How to Herd Cats AND Keep Your Boss Happy
   Tuesday, 4/27 from 8:00-10:00 AM in Room 303A

Contact Jessica Dominguez (jessica.dominguez@ucdenver.edu) if you have any questions.

The APS Translational Physiology Group and the PIC are co-sponsoring a Symposium entitled “Integrins: New Insights and Therapeutic Targets” on Wednesday 28 April (8:00 – 10:00 A.M. in Ballroom C) chaired by Dr. Shaila Basavappa. This symposium will review a) factors leading to integrin activation and key signalling pathways elicited by them, b) the pharmacological and toxicological profile of the gastrointestinal-selective, anti-inflammatory therapeutic vedolizumab in non-human primates, c) the signals regulating focal adhesion formation and cell mobility, and d) targeted siRNA delivery to leukocyte-implicated diseases. Attendees will gain an appreciation of recent information regarding integrin function, activation and potential treatment utilizing integrins.

In addition, the APS PIC is sponsoring a Symposium entitled “Novel Opportunities for the Treatment of Heart Failure” on Sunday, April 25th from 8:00 – 10:00 am in Anaheim Convention Center Ballroom A. Attendees will gain an appreciation for the new and emerging therapeutic approaches to modify the pathophysiology of heart failure.

The PIC Novel Disease Model Award will be granted to each a graduate student and a postdoctoral fellow who submit the best abstracts at EB 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 categories, respectively, is sponsored by the PIC and the APS, and will be presented at the APS Business Meeting on Tuesday.

You're invited! Come meet and eat with your fellow Physiologists who are working in the corporate and/or industrial sector. The 10th Annual Liaison with Industry Committee Mixer at is on Sunday, April 25th from 7:00 – 9:00 PM at the Marriott Orange County Ballroom Salon 2. Free Hors d’oeuvres will be available along with a cash bar – email Shaila for details!
The APS GI and Liver Section Banquet at EB2009 was a great success and lots of fun; if you didn’t attend you should really consider attending at EB2010 in Anaheim.

Who better to serve up a terrific meal than the gustatory moguls of the APS Gastrointestinal & Liver Section? Our recent events being a hard act to follow, we this year venture to The Tiffany Terrace at the Sheraton Park Hotel for an evening to enjoy with your colleagues. All within walking distance of the convention center and at a discounted price, thanks to the generosity of Takeda Pharmaceutical

LOCATION: The Tiffany Terrace, Sheraton Park Hotel
1855 South Harbor Boulevard
714-750-1811

TIME: 6:30 to 10 P.M.

$60 for Faculty and Guests
(Member or Nonmember)
$30 for Trainees (Undergraduate or Graduate Students or Postdoctoral Fellows)
$20 for GI/Liver Section Travel Award Applicants
$ 0 (hard to beat that) for GI/Liver Section Research Recognition Awardees

Main course options include roasted prime rib of beef pecan-crusted atlantic salmon, and vegetarian-chef’s choice of fresh seasonal ingredients. AND, there will be libations.

Purchase tickets at:
http://www.med.uc.edu/mcp/banquet.
A few tickets will also be available at the on-site APS Office during EB.

PROGRAM:
Business meeting led by Section Chair Marshall (“Chip”) Montrose
Awards ceremony
After-dinner speech by Gail Hecht, recipient of the 2009 Takeda Distinguished Research Award (Gail wouldn’t provide a title, but did promise that the talk will not be Dopey).
Chair and Section Advisory Committee Representative (2012)
Marshall (Chip) H. Montrose, Ph.D.
University of Cincinnati
Dept of Molecular & Cellular Physiology
231 Albert Sabin Way
Cincinnati, OH 45267
P: 513 558-5636
F: 513 558-5738
mhm@uc.edu

Secretary/Treasurer (2012)
Jerrold (Jerry) Turner, MD, PhD
University of Chicago
Dept of Pathology
5841 S Maryland Ave MC-1089
Chicago, IL 60637
P: 773 702-2433
F: 773 834-5251
jturner@bsd.uchicago.edu

Joint Program Committee Representative Section Programming Committee Chair (2011)
James (Jamie) F. Collins, Ph.D.
University of Florida
Dept Food Science and Human Nutrition
P.O. BOX 110370, 359 FSHN Bldg, Newell Drive
Gainesville, Fl 32611-0370
P: 352 392-1991, ext. 216
F: 352 392-9467
jfcollins@ufl.edu

Committee on Committees Representative (2011)
Ronaldo (Ron) P. Ferraris, Ph.D.
UMDNJ-New Jersey Medical School
Dept of Pharmacology and Physiology
185 Orange Ave, MSB H621
Newark, NJ 07103-2714
P: 973 972-4519
F: 973 972-7950
ferraris@umdnj.edu

Councilor (2012)
Lara R. Gawenis, Ph.D.
Dept of Physiology
University of Utah School of Medicine
420 Chipeta Ave, Suite 1700
Salt Lake City, Utah 84108-6500
P: 801 587-5800
F: 801 581-3476
Lara.gawenis@hsc.utah.edu

Councilor/Banquet Coordinator (2011)
Susan J. Hagen, Ph.D.
Beth Israel Deaconess Med Ctr-HMS
Dept Surgery, Dana 805
330 Brookline Ave
Boston, MA 02215
P: 617 667-5308
F: 617 975-5562
shagen@bidmc.harvard.edu

Councilor/Awards Coordinator (2011)
Radhakrishna (R.K.) Rao, Ph.D.
Univ Tennessee Hlth Sciences Ctr
Dept Physiology & Biophysics
894 Union Ave
Memphis, TN 38163
P: 901 448-3235
F: 901 448-7126
rkrao@physio1.utmem.edu

Physiologists in Industry Committee Representative (2011)
Shaila Basavappa, D.Phil.
Global Medical & Scientific Affairs
Takeda Pharmaceutical, One Takeda Parkway
Deerfield, IL 60015
P: 224 554-6186
F: 224 554-7842
sbasavappa@takedaglobal.com

Trainee Member (2010)
Jessica A. Dominguez, Ph.D.
University of Colorado Denver School of Medicine
Department of Anesthesiology
12700 E. 19th Ave.
Campus Box 8602
Aurora, CO 80045
F: 303 724-4398
jessica.dominguez@ucdenver.edu

Editor of AJP; Gastrointestinal and Liver Physiology (2012)
P. Kay Lund, Ph.D.
Univ North Carolina, Chapel Hill
Dept Cellular/Molecular Physiology
103 Mason Farm Rd 6336 MBRB CB# 7545
Chapel Hill, NC 27599-7545
P: 919 966-0697
F: 919 966-6927
empk@med.unc.edu