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**American Physiological Society  
Gastrointestinal/Liver Section Newsletter  
Spring 2004**

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## **SECTION ANNOUNCEMENTS**

### **ELECTIONS**

A warm welcome to our new councilors Deborah Rubin (Washington University School of Medicine) and Jack Grider (Medical College of Virginia). Linda Samuelson will remain on the committee as our representative to the Committee on Committees.

### **From the APS Liaison With Industry Committee (LWIC)**

(Section representative: Pam Hornby)

The LWIC is sponsoring a Workshop entitled "High Content Biology: Multiplexing in Cell Physiology" at EB2004 on Monday, April 19 from 3:15-5:15 pm. This workshop will describe novel methods for simultaneous analysis of multiple endpoints in cells. The topics of cell signaling, protein translocation, protein phosphorylation cascade, GPCR signaling as well as genomic mutational analysis will be covered. Look for the full program in the Spring Newsletter.

The Novel Disease Model Award will be granted to a graduate student and a postdoctoral fellow who submit the best abstracts at EB2004 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. See the call for abstracts this Fall for application details and in the Spring newsletter.

You're invited! Come meet and eat with your fellow physiologists who are working in the corporate sector. The 4th Annual Liaison With Industry Committee Mixer is on at EB2004. Look for details in the Spring newsletter.

## **GI/Liver Section Program – EXPERIMENTAL BIOLOGY 2004**

Chris Cheeseman and the Programming Committee has done another outstanding job of organizing our Section Symposium and Featured Topics. Here is a listing of the GI/Liver Section Program for EB 2004:

**Symposium: Mediators of Liver Inflammation** organised by Alex Lentsch, speakers are: Paul Kubes, Mark Clemens, Timothy Billiar and Hartmut Jaeschke.  
Time: Monday, 4/19/04, 8:00-10:00AM

**Featured topic: Regulation of Intestinal Ion and Vitamin Transporters During Development**, organiser and first speaker Mrinalini C. Rao, age-dependence of intestinal Ca regulated Cl transport, and Hamid M. Said. Ontogeny of intestinal biotin transport.  
Time: Sunday, 4/18/04, 10:30AM-12:30-PM

**Featured Topic: Intestinal, renal and new model systems for the study of oligopeptide transporters.** Organiser Fred Leibach. speakers: Hannelore Daniel from Munich, Professor Ken-ichi Inui from Tokyo, David Thwaites from Newcastle and Matias Brandsch from Martin Luther University, Germany.  
Time: Tuesday, 4/20/04, 3:15-5:15PM.

**Featured Topic. Gastrointestinal Pathophysiology.** Chair Caroline Appleyard. Abstract driven with 8 presenters.  
Time Wednesday, 04/21/04, 8-10AM.

### **Award Lectures**

We are pleased to announce that the Horace W. Davenport Award for 2004 will be awarded to Dr John Forte of UC-Berkeley at EB 2004. His lecture will be given on Monday April 19 at 3:15pm (room to be announced). In addition, Dr Fred Leibach from the Medical College of Georgia will be awarded the Abbott Distinguished Award in GI and Liver Research at our annual Reception/Business meeting to be

held Monday April 19 at 5:30 pm in the Cabin John room of the Grand Hyatt Hotel. Be there for cocktails, conversation and a great lecture!

## **GI Section Student and Postdoctoral Travel Awards**

The following young investigators will receive there awards at EB in April. Congratulations to all!

**Proctor and Gamble Professional Opportunity Award:** Robert Dorman (Univ Arkasas)

**Abbott Predoctoral Award:** Lymari Lopez-Diaz (Univ Michigan)

**Abbott Postdoctoral Award:** Olga Starodub (Indiana Univ)

**Research Recognition Award:** Yansen Xiao (Albert Einstein)

## **OTHER SECTION NEWS**

### **Parietal Cell Club**

We are pleased to announce that this year's Parietal Cell Club will be held at the Experimental Biology Meeting in Washington, D.C. We will convene on Sunday, April 18, 5:00-7:30 p.m. at the Grand Hyatt Washington Hotel in the Constitution C Room. As usual, we plan to have two exciting presentations, coupled with food and drink, to stimulate even more exciting discussion. This year's speakers will be:

Dr. Susan Hagen

Beth Israel Deaconess Medical Center, Harvard, Boston, MA

Title: "BAD apples die young: A new mechanism that links survival and physiology in gastric parietal cells"

Dr. Fabian Michelangeli

Instituto Venezolano de Investigaciones Cientificas, Caracas, Venezuela

Title: "Ca<sup>2+</sup>/H<sup>+</sup> relationship in gastric glands under secretagogue stimulation measured in real time"

In addition, two special events at this year's EB meeting will honor regular Parietal Cell Club participants. Dr. John G. Forte (University of California, Berkeley) will receive the Davenport Award, and Dr. Fred Leibach (Medical College of Georgia) will receive the Abbott Award.

We hope to see you at the meeting, and please pass this message along to others who might be interested. Thank you.

John Cuppoletti  
Chris Lytle  
Jim Goldenring  
Curtis Okamoto

## **APS Translational Conference on Inflammatory Bowel Disease**

**Conference** Immunological and Pathophysiological Mechanisms in Inflammatory Bowel Disease

**Host** The American Physiological Society

**Dates** September 8-11, 2004

**Location** Snowmass Village, Colorado, USA

**Theme** Translational Research/IBD

**Program Description** The inflammatory bowel diseases (IBD; i.e., Crohn's disease, ulcerative colitis) are idiopathic recurrent inflammatory diseases of the GI tract. IBD affects one million individuals in North America and several million worldwide. The etiology and pathogenesis are unknown; however, major advances in our understanding of the underlying mechanisms responsible for chronic intestinal inflammation have recently been made.

This translational conference will present the latest state-of-the-art advances in both experimental and clinical IBD with the overall objective being to emphasize how this new data may prove useful in treatment of IBD patients in the near future. By bringing together established IBD researchers with young investigators, this conference aims to interface what has been learned from experimental IBD studies with clinical aspects of chronic gut inflammation. The Organizing Committee will select oral presentations and posters from submitted abstracts.

This conference will provide a relaxed setting where both basic scientists and clinicians will be able to meet and exchange the latest information relating to the initiation, perpetuation and treatment of chronic gut inflammation. Basic scientists and research physicians working in the areas of GI biology, physiology, inflammation and immunology as well as investigators from the biotechnology and pharmaceutical communities will want to attend.

**Organizers** Dr. Matthew Grisham, Louisiana State University, Health Sciences Center

Dr. Fabio Cominelli, University of Virginia Health System

**Registration Fees** [See Website](#) **Advanced Deadline** August 2, 2004 **Abstract Deadline** May 5, 2004 **Contact for More Information**

**Name** The American Physiological Society

**Email** [meetings@the-aps.org](mailto:meetings@the-aps.org)

**Web** [www.the-aps.org](http://www.the-aps.org)

### **GASTROINTESTINAL RESPONSE TO INJURY: CANADA 2004**

September 29 to October 3, 2004, Chateau Montebello, Quebec, Canada. 5<sup>th</sup> in a series of triennial meetings that began as part of the FASEB Summer Research Conferences. Topics for the 2004 meeting include: Part I - Factors Regulating Gastrointestinal Responses to Injury (Sessions 1, “The mucosal barrier”, and 2, “The immune system”); Part II – Agents and Mechanisms of Gastrointestinal Injury (Sessions 3, “Acid-pepsin, NSAIDs, oxidative stress, and other agents of mucosal injury”, and 4, “Microbial host interactions – friend or foe?”); and Part III – Manifestations of Gut Injury and Potential Therapeutic Targets (Sessions 5, “Healing and repair, or the path to cancer”, and 6, “Chronic inflammation and its consequences”). For further information please contact the conference co-organizers, Dr. Sheila Crowe ([scrowe@virginia.edu](mailto:scrowe@virginia.edu), 434-924-2734) or Dr. Jonathon Kaunitz ([jake@ucla.edu](mailto:jake@ucla.edu), 310-268-3879).

**FACULTY POSITIONS  
MOLECULAR AND CELLULAR  
PHYSIOLOGY**



The Department of Molecular and Cellular Physiology at the University of Cincinnati is recruiting multiple faculty at the level of **ASSISTANT** or **ASSOCIATE PROFESSOR**. We seek colleagues that can contribute to a broadly interpreted theme of membrane physiology, building upon departmental and institutional strengths in membrane transport, epithelial biology, cell and tissue development, contractility, and hormonal regulation. A strong modern infrastructure (including bioinformatics, mutant mouse models, and imaging) will support research approaches studying molecular events in biologic systems that span the scale from single cells to whole organisms.

Faculty members are expected to sustain an externally funded research program, have a strong commitment to graduate and medical education, and contribute to our vigorous collaborative environment. Candidates should have a doctoral degree, and will be considered for a faculty rank and track commensurate with experience. Review of applications will commence upon receipt, and will continue until all positions are filled. Please send a curriculum vitae, statement of research interests, and the names of four potential references to:

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*University of Cincinnati is an affirmative action/equal opportunity employer. Women, minorities, disabled persons, and Vietnam Era and disabled veterans are encouraged to apply.*

## **GI Section Steering Committee: 2003-2004**

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