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**American Physiological Society  
Gastrointestinal Section Newsletter  
Fall, 2001**

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**SECTION ANNOUNCEMENTS**

**ELECTIONS**

Several members of our steering committee have or will be completing their three-year terms by April 2002. A nominating committee was formed to identify qualified candidates for election to the GI section steering committee. Enclosed with this newsletter is a ballot. Please take the time to complete and return to the APS.

**PLEASE VOTE!**

*If you are interested in serving on the GI section steering  
or programming committee, please contact Helen  
Raybould - I am anxious to hear from you!*

**NEW STEERING COMMITTEE CHAIR**

My term as chair of the steering committee ends in April 2002. In keeping with the needs of our section, the chair of the Programming committee will assume the position of chair of the Section Steering committee. Therefore, I have great pleasure in announcing that the new Chair is Matthew Grisham. He has worked tirelessly for the section putting together exciting GI programming at Experimental Biology meetings.

## FALL PREVIEW – EXPERIMENTAL BIOLOGY 2001

*April 20-24 2002, New Orleans, LA*

# **Gastrointestinal and Liver Programming at EB 2002**

### Award Lectures

*Horace Davenport Distinguished Lecturer 2002  
– Dr John Williams, University of Michigan, Ann Arbor*

John Williams, MD, PhD, Professor and Chairman of the Dept of Physiology, at the University of Michigan Medical School is the Horace Davenport Distinguished Lecturer. Dr Williams is internationally renowned for his work on the hormonal regulation of pancreatic secretion, and intracellular mechanisms regulating pancreatic secretion and pancreatitis. He has served the American Physiological Society in many different capacities, including serving on the APS Council and as past chair of the GI Section. Dr Williams's lecture "Regulation of the Synthesis and Secretion of Pancreatic Digestive Enzymes by Diet and Hormones" will be presented on Tuesday April 23rd at 10:15 am.

*Abbott Distinguished Research Award for Excellence in Gastrointestinal Physiology  
- Dr Patrick Tso, Dept of Pathology and Laboratory Medicine, University of Cincinnati*

Patrick Tso, PhD will be presented with the Abbott Distinguished Research Award for Excellence in Gastrointestinal Physiology. Dr. Tso, Professor of Pathology at the University of Cincinnati School of Medicine, is well known for his research into the regulation and physiological consequences of intestinal lipid absorption. Dr Tso's award lecture "Apolipoprotein A-IV's role in food intake and body weight regulation" will be held during the section business meeting on the evening of Tuesday, April 23<sup>rd</sup>.

## GI Section Sponsored Scientific Sessions

### Symposia

Molecular and Cellular Mechanisms of Ischemic Liver Injury  
Chair, Alex B Lentsch, PhD

### Featured Topics

**DO YOU WANT TO SUBMIT AN ABSTRACT TO EB 2002? SUBMIT YOUR ABSTRACT TO ONE OF THE FEATURED TOPICS BELOW OR TO THE POSTER SESSIONS – SEE LIST OF DESCRIPTORS ON NEXT PAGE.**

Dietary Fat, Dietary Lipid and Satiety  
Chairs: Patrick Tso, PhD and David York, PhD  
*Descriptor: 1139-APS*  
(Contact: Patrick Tso - [tsopp@email.uc.edu](mailto:tsopp@email.uc.edu))

Proteases, Proteinases, PAR, proteinase-activated receptors.  
Chair: John Wallace, PhD  
*Descriptor: 1140-APS*  
(Contact: John Wallace - [wallacej@acs.ucalgary.ca](mailto:wallacej@acs.ucalgary.ca))

Need more information? Check with the chair of each session, Helen Raybould or Matt Grisham.

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

We encourage graduate students, postdoctoral fellows, medical and veterinary medical residents to apply for our section travel awards to attend EB 2002. There are two Gastrointestinal Physiology Section Student Prizes, each worth \$500, for pre-doctoral and postdoctoral (including residents) who are first author on an abstract submitted to the meeting. In addition, The Gastrointestinal Section Young Investigator Award (\$500) will provide travel support for junior investigators to participate in the annual meeting. To be eligible, the investigator must be within 10 years of receiving a higher degree and must submit an abstract to a GI section topic

category. The APS also funds several different types of travels awards for trainees to attend EB. Further details in the EB 2002 Call for Abstracts.

## **Descriptors for Poster Sessions**

Below is a list of the GI descriptors that should be used for abstract submissions not directly related to a specific Featured Topic. If you are not submitting under a Featured Topic category, we encourage you to submit your EB 2002 abstract using one of these descriptors that designates your presentation as GI-related.

- 1141-APS Epithelial channels, pumps and transporters
- 1142-APS Epithelial-microbial interactions: lessons in communication
- 1143-APS Growth factors
- 1144-APS Development and adaptation
- 1145-APS Regulatory peptides and hormones
- 1146-APS Motility
- 1147-APS Secretion and absorption
- 1148-APS Pancreas
- 1149-APS Gastrointestinal pathophysiology
- 1150-APS Liver physiology and pathophysiology

### **GI Physiology Meets Microbiology**

The Epithelial Transport Group is planning an exciting Featured Topic session for EB 2002 entitled “Insights into epithelial transport physiology gleaned from interactions with intestinal pathogens. The goal of this session is to showcase important new insights into mammalian cell physiology emerging from the study of how host epithelial cells interact with pathogens and other microorganisms. The session is chaired and organized by Kim Barrett from UCSD. Gail Hecht (University of Illinois at Chicago) will present a Keynote Address entitled “Bugs and barriers”, and Kim Barrett will give a shorter talk on the subject of “*Salmonella* and signals”. The session will be rounded out with oral presentations of selected abstracts. The organizers hope that many of the groups interested in epithelial biology in the gastrointestinal tract and liver will participate in the session. So if your work involves, or is beginning to include, forays into things microbiological, please consider submitting your EB abstract to the descriptor for this session. Do not hesitate to contact Kim ([kbarrett@ucsd.edu](mailto:kbarrett@ucsd.edu)) if you would like further information about this planned Featured Topic.



**Linda Samuelson, Ph.D. (Councilor) (2003)**

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