**Experimental Biology 2001**  
*March 31*<sup>st</sup> - *April 4*<sup>th</sup> 2001 Orlando, Florida

**GI Section highlights at a glance**

*Horace Davenport Distinguished Lecturer 2001*
Professor Geoffrey Burnstock, University College, London, UK  
“Purinergic Signaling in the Gut”  
April 2, 3:15 pm Convention Center, Room 311F

*Abbott Distinguished Research Award for Excellence in Gastrointestinal Physiology*
Dr Catherine Chew, Medical College of Georgia  
“The Nonpareil Parietal Cell”  
April 3, 6:45 pm, Peabody Hotel, Butler Room.

*GI Section Social/Business Meeting*
April 3, 6:45 pm, Peabody Hotel, Butler Room.  
Please join your colleagues at this social and scientific event. All of the GI Section awardees will be recognized at our business meeting. Professor Burnstock will be presented with the Davenport Medal in honor of his Distinguished Lectureship. The highlight of the evening will be Dr Chew’s lecture. There will be a cash bar and complementary appetizers at the GI reception.

*The GI Section gratefully acknowledges Abbott Laboratories for their generous and continued support of our sectional activities!*
Experimental Biology 2001 (cont)

GI Sponsored Scientific Sessions

SYMPOSIA
Saturday, March 31, 1:00-3:00 PM
Convention Center, Room 204C
Joint APS/AAA Symposium: Chronic Bowel Inflammation and Allergic Asthma: Similarities and Differences
Chairs: Charles G. Plopper and Helen E. Raybould

Monday, April 2, 8:00 AM
Convention Center, Room 313
Vagal Mechanisms of Visceral Sensation: Emerging Concepts
Chairs: Clark M. Blatteis and Helen E. Raybould

Tuesday, April 3, 8:00-10 am Peabody Orlando II
Adaptive Regulation of Epithelial Solute Transporters
Chairs: Barry H. Hirst and Ronaldo P. Ferraris

FEATURED TOPICS
Tuesday, April 3, 8:00 AM
Convention Center, Room 311 F
Role of the Endothelium in GI Inflammation
Chairs: Peter R. Kvietys and J. Steven Alexander

Tuesday, April 3, 8:00 AM
Convention Center, Room 312 A
Cellular Mechanisms of Regulated Secretion in the GI Tract
Chairs: Catherine S. Chew and John G. Forte

Wednesday, April 4, 10:15 am
Convention Center, Room 312 B/C
Liver Pathophysiology
Chairs: Joseph Benoit and Alex Lentsch

GI section poster sessions will be held on Monday and Tuesday

There are many other sessions of interest to GI physiologists – please check the EB 2001 website at http://ww2.miracd.com/eb01
Experimental Biology 2001 (cont)

Section Award Lectures

Horace Davenport Distinguished Lecturer 2000

Professor Geoffrey Burnstock, University College, London UK

Geoff Burnstock, Professor and Director of the Autonomic Neuroscience Institute at the Royal Free Hospital School of Medicine in London will give the Horace Davenport Distinguished Lecture. Professor Burnstock is a pioneer in research on neurotransmission in the autonomic and the enteric nervous system.

Abbott Distinguished Research Award for Excellence in Gastrointestinal Physiology

Dr. Catherine Chew, Medical College of Georgia

Dr Catherine Chew, Professor of Medicine, Cellular Biology and Anatomy, was selected as the 51st recipient of this award. Kay Chew is a leader in the field of signal transduction in the gastric parietal cell.

2001 Davenport Trainee Lunch

Preceding Professor Burnstock’s lecture on Monday afternoon will be a complimentary lunch for trainees and junior scientists (12:15 pm to 1:45 pm, Peabody Hotel, Atlantic Room). This is an excellent way for undergraduate, graduate and postdoctoral fellows and residents to interact with Professor Burnstock in an informal setting. Please come and enjoy some lunch and lively discussion with us!

Parietal Cell Club

The Parietal Cell Club will hold its annual meeting during EB 2001 to discuss matters oxyntic. The meeting will take place in the Butler Room, Peabody Hotel from 5-7 pm on Monday, April 2. The theme of the meeting is "Proton-omics: molecular manipulation of gastric acid secretion". There are two speakers and we plan for a lively discussion. The speakers are:

Gary Shull, University of Cincinnati
"Gastric Phenotypes of H,K-ATPase and Na/H Exchanger Single and Double Knockouts"

Michael Caplan, Yale University
"Sorting signals in H,K-ATPase: targeting and regulation"

Society Award Lectures

The Walter B. Cannon Memorial Award Lecture Saturday, March 31, 5:30 PM, Peabody Hotel, Ballroom D. Speaker: Robert J Lefkowitz, Duke University
Title: Regulation of G protein-coupled receptors: molecular mechanisms, physiological implications and therapeutic opportunities.

Henry Pickering Bowditch Award Lecture, Sunday, April 1, 5:30 PM, Peabody, Ballroom D. Speaker: Peter M.T. Deen
Title: The aquaporin-2 water channel in health and disease.
Trainee Award Winners

The winners of our Section Trainee Awards will be presented with a certificate and a cash prize at the GI Section Business meeting, Tuesday April 3. This year’s winners are:

**Predoctoral GI Student Prize:**
Xuequn Chen (mentor: John Williams), Dept of Physiology, University of Michigan, Ann Arbor, MI.
The role of RAB3D in pancreatic acinar cell exocytosis.

**Postdoctoral GI Student Prize:**
Lone S. Bertelsen (mentor: Kim Barrett), Dept of Medicine, University of California, San Diego, CA.
Modulation of chloride secretory responses of intestinal epithelial cells by the salmonella effector SopB.

**Proctor and Gamble Professional Opportunity Award:**
Ian N. Hines (mentor: Matt Grisham), Dept of Physiology, Louisiana State University Health Sciences Center, Shreveport, LA.
Role of nitric oxide (NO) in cytokine expression and tissue injury in the post-ischemic liver.
*(note: this awardee will also be recognized at the APS Business Meeting – Tuesday April3, Peabody Hotel, Ballroom D)*

Section Announcements

Special Thanks
We would like to extend our deep gratitude to the two outgoing councilors Robert Coffey and Allan Wolkoff. We thank them for all their efforts on behalf of the section.

**GI Section Listserv**
This is the quickest and fastest way for your elected representatives to contact you and for you to contact fellow members of the section. PLEASE subscribe to the GI Section listserv. It is free and when you subscribe, you will receive the latest news and can post messages on the listserv yourself. Please help us communicate with the section membership effectively.
To subscribe, go to the “members only” section of the APS website.

Programming
The Section Programming Committee is always interested in hearing from you. We need suggestions for future symposia, featured topics and names of candidates for the Davenport and GI Distinguished Researcher Awards. Take part in the activities of your society and your section by contributing to the programming.
Contact Matt Grisham at mgrish@lsunc.edu.
Experimental Biology 2001 (cont)

Workshop/Symposia at EB '01 with ASPET Committee on Women in Pharmacology. How to Write, Review, and Publish in APS and ASPET Journals.

All the best efforts at the laboratory bench will be wasted if you cannot properly communicate the results of your research in the form of a high quality scientific publication. The APS Women in Physiology Committee and the ASPET Committee on Women in Pharmacology are co-organizing a Workshop designed to mentor young scientists of both genders on developing effective tools to be able to write, review, and publish manuscripts in APS and ASPET Journals. The seven panelists will draw on their experiences as Editors/Associate Editors of APS and ASPET Journals to provide participants with useful information on scientific writing. You will learn such things as the importance of writing a clear Introduction, the differences between reiterating your results and discussing your data in the Discussion, and what reviewers look for when they read your submitted manuscript. This workshop will use an interactive forum to engage the audience in activities designed to make scientific writing and reviewing an exciting challenge rather than a necessary chore. The target audience is graduate students, postdoctoral fellows, and junior faculty members. This session is designed to mentor young scientists of both genders on this topic. The session is scheduled for Sunday April 1 from 9-11 a.m.

Upcoming Meetings and Conferences

Mouse Models Of Pancreatic Cancer
A multi-disciplinary symposium focusing on the development, cell biology and tumorigenesis of the exocrine pancreas.

May 24-25, 2001
Loew’s Vanderbilt Plaza Hotel, Nashville, TN 37232
Sponsored by the National Cancer Institute/Vanderbilt-Ingram Cancer Center/American Digestive Health Foundation.
For registration: contact Katherine Stroup (615) 343 1590 or katherine.stroup@mcmail.vanderbilt.edu

2001: A Brain-Gut Odyssey

July 11-15, 2001
Keeble College, Oxford, UK
For complete program, registration information and forms, abstract submission information and forms, deadlines, travel and accommodations, and contact information, visit the website at: http://braingut2001.med.ucla.edu
The APS Needs You!!!

The APS committees cover a wide array of topics and are key to the success of the Society. Participation on committees also provides an excellent way to increase your scientific network. For these reasons and to improve the visibility of the G.I. community, we encourage all GI physiologists to consider serving on APS committees. Although you can volunteer by directly submitting your nominations to the APS, we would like to offer help in coordinating your efforts. You can nominate yourself and/or a colleague. To indicate your interest, please fill in the attached form at your earliest convenience and return to Meena Rao, the G.I. representative on the Committee on Committees.

Committees:
Animal Care and Experimentation
Awards
Career Opportunities in Physiology
Ray G. Daggs
Education
Finance
International Physiology
Long Range Planning
Membership
Perkins Memorial Fellowship
Porter Physiology Development Program
Public Affairs
Publications
Senior Physiologists
Women in Physiology

Please send a 3 page c.v. highlighting your experiences pertinent to the committee of your choice.

______ I am interested in serving on the _______________ Committee

______ I am not interested at this time but please consider me for future years

______ I want to participate in G.I. section activities but cannot serve at this time

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