American Physiological Society
Gastrointestinal Section Newsletter
Fall, 2001

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 23rd.
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)

Proteases, Proteinases, PAR, proteinase-activated receptors.
Chair: John Wallace, PhD
Descriptor: 1140-APS
(Contact: John Wallace - 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 travel 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) if you would like further information about this planned Featured Topic.
GI Section Steering Committee: 2000-2001

Helen E. Raybould, Ph.D. (Chair) (2002)
Dept of Anatomy, Physiology 530 754 6555
and Cell Biology 530 752 6790
UC Davis School of Veterinary Medicine heraybould@ucdavis.edu
1321 Haring Hall
Davis
CA 95616

Hugh Nellans, Ph.D. (Secretary-Treasurer) (2004)
GI Pharmacology and Oral Drug Delivery 847-937-8157
Abbott Laboratories 847-938-5286 FAX
Dept. 46R, Bldg. AP9 hugh.n.nellans@abbott.com
100 Abbott Park Road
Abbott Park, IL 60064-3500

Hannah V. Carey, Ph.D. (Past Chair)
Dept. of Comparative Biosciences 608 263 0418
School of Veterinary Medicine 608 263 3926 FAX
careyh@svm.vetmed.wisc.edu
2015 Linden Drive West
Madison, WI 53706

521 Parnassus Ave, Room 317 415 476 0489
Dept Surgery, Box 0660 415 476 0936
UCSF nigelb@itsa.ucsf.edu
San Francisco, CA 94134-0660

Matthew Grisham, Ph.D. (Councilor) (2002)
Dept. of Molecular and Cellular Physiology 318-675-6021
Louisiana State University Medical Center 318-675-4156 FAX
1501 Kings Highway mgrish@lsuhsc.edu
Shreveport, LA 71130
Dept of Physiology 734 764 9448
University of Michigan 734 936 8813  FAX
7761 Medical Sciences Bldg lcsam@umich.edu
Ann Arbor
Michigan, MI 48109-0622

Ernest Wright, Ph.D. (Councilor) (2002)
Dept. of Physiology 310-825-6905
UCLA School of Medicine 310-206-5886  FAX
Box 17511 ewright@mednet.ucla.edu
Los Angeles, CA 90095

Kenneth Mandel, PhD (Liason with Industry Committee) (2002)
KGM Innovation Associates, Inc. 513-829-2852
5740 Auburger Drive 513-829-2858
Fairfield, OH 45014 kengmandel@fuse.net

Meena Rao, Ph.D. (GI Representative on Committee on Committees) (2003)
Dept. of Physiology and Biophysics 312 996 7884
University of Illinois at Chicago 312 996 1414 FAX
835 S. Wolcott Avenue, MC 901 meenarao@uic.edu
Chicago, IL  60612

Martin F. Kagnoff, MD (Editor-in-Chief, AJP Gastrointestinal & Liver Physiol)
Dept of Medicine 0632D 619 534 4622
University of California – San Diego 619 534 5691 FAX
9500 Gilman Drive mkagnoff@ucsd.edu
La Jolla, CA 92093-0623