EXPERIMENTAL BIOLOGY 2008

TODAY’S RESEARCH: TOMORROW’S HEALTH

April 5–April 9
San Diego Convention Center, San Diego, California

PARTICIPATING SOCIETIES

AAA
American Association of Anatomists

AAI
The American Association of Immunologists

APS
The American Physiological Society

ASBMB
American Society for Biochemistry and Molecular Biology

ASIP
American Society for Investigative Pathology

ASN
American Society for Nutrition

ASPET
American Society for Pharmacology and Experimental Therapeutics

For further information contact
eb@faseb.org or visit www.eb2008.org
EB Management Office
9650 Rockville Pike, Bethesda, MD 20814-3998
Tel: 301-634-7010 • Fax: 301-634-7014
THE APS JOURNAL LEGACY CONTENT is an “online package” of over 100 years of historical scientific research from 13 American Physiological Society (APS) research journals. This Legacy Content is **FREE to APS Members** ($2,000 for nonmembers). It is a separate program from the Subscription Program in that you pay once for perpetual access to the online content from these APS journals from 1898 to 1996-1998, depending on the journal. This content goes back to the first issue of each of these APS journals—including the *American Journal of Physiology*, first published in 1898. This Legacy Content can be viewed as completely searchable scanned images of the printed pages.

For more information or to purchase, visit:
http://ajplegacy.physiology.org
CALL FOR NOMINATIONS

for the Editorship of the

*American Journal of Physiology-Cell Physiology*

Nominations are invited for the Editorship of the *American Journal of Physiology-Cell Physiology* to succeed D. Brown, who will complete his term as Editor on June 30, 2008. The Publications Committee plans to interview candidates in the Fall of 2007.

Applications should be received before **August 15, 2007**.

Nominations, accompanied by a curriculum vitae, should be sent to the Chair of the Publications Committee:

Kim E. Barrett, Ph.D.
APS
9650 Rockville Pike
Bethesda, MD 20814-3991

---

CALL FOR NOMINATIONS

for the Editorship of the

*Journal of Neurophysiology*

Nominations are invited for the Editorship of the *Journal of Neurophysiology* to succeed E. Marder, who will complete her term as Editor on June 30, 2008. The Publications Committee plans to interview candidates in the Fall of 2007.

Applications should be received before **August 15, 2007**.

Nominations, accompanied by a curriculum vitae, should be sent to the Chair of the Publications Committee:

Kim E. Barrett, Ph.D.
Department of Medicine
University of California, San Diego
San Diego, CA 92103-8414
PAST THEMES

Taste Receptors in the Gastrointestinal Tract

Aug. 2006  Bitter taste receptors and α-gustducin in the mammalian gut  E. Rozengurt
Nov. 2006  L-Amino acid-sensing by calcium-sensing receptors: implications for GI physiology  A. Conigrave and E. M. Brown
Dec. 2006  Salty and sour taste: sensing of sodium and protons by the tongue  J. DeSimone and V. Lyall
Feb. 2007  Functional implications of bitter taste receptors in gastrointestinal chemosensing  C. Sternini
Mar. 2007  Acid sensing in the GI tract  P. Holzer

Differentiation of the Gastric Mucosa

Oct. 2006  Role of histamine in control of gastric mucosal integrity of oxyntic mucosa: understanding gastric physiology through disruption of targeted genes  D. Chen, T. Aihara, C.-M. Zhao, R. Hakanson, and S. Okabe
Nov. 2006  Role of gastrin in gastric epithelial cell proliferation and maturation  R. Jain and L. Samuelson
Dec. 2006  Animal models of oxyntic atrophy and metaplasia  J. R. Goldenring and S. Nomura
Jan. 2007  Role of trefoil peptides and IL-6 cytokine family signaling in gastric homeostasis  A. S. Giraud, C. Jackson, T. R. Menheniott, and L. M. Judd

TLRs in the Gut

Jan. 2007  Role of TLRs/Nods in intestinal development and homeostasis  I. R. Sanderson and W. A. Walker
Mar. 2007  Immune responses to flagellin in Crohn’s disease: good, bad, or irrelevant  A. T. Gewirtz
Jun. 2007  Negative regulation of toll-like receptors and intestinal homeostasis: addition by subtraction  O. Shibolet and D. Podolsky

CURRENT THEMES

Regulation of Triglyceride Metabolism

Apr. 2007  Eukaryotic neutral lipid synthesis: “many ways To skin ACAT or a DGAT”  A. Turkish and S. L. Sturley
May 2007  Function of mitochondrial GPAT1 in the regulation of triacylglycerol biosynthesis and insulin action  M. R. Gonzalez-Baró, T. M. Lewin, and R. A. Coleman