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The responding authors should indicate in their cover letter that the submitted manuscript is in response to this call for papers. The manuscript will undergo normal peer review. If published, the article will be highlighted as part of the Translational Physiology Series.

If you have any questions or already have a manuscript in this area submitted to the American Journal of Physiology-Gastrointestinal and Liver Physiology and would like to have it included for this series, please contact the Editor, Dr. Marshall Montrose (Phone, 317-278-3674; Fax, 317-278-3840; E-mail, montromh@ucmail.uc.edu).
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We are recruiting a postdoctoral fellow to investigate the role of amino acids in intestinal repair. We are investigating the role of the mammalian target of rapamycin (mTOR) pathway in this response during rotavirus diarrhea. Applicants must have experience in immunoblotting and immunohistochemistry (with publications), RNA techniques, DNA microarray, and histological analysis. The researcher must be able to work independently, including manuscript and grant preparation.

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Department of Foods and Nutrition and Food Science or Psychology Purdue University

Applicants are sought for a tenure-track research/teaching position at the assistant, associate or full professor level at Purdue University. It will be a joint position in the Departments of Foods and Nutrition (primary) and either Food Science or Psychology (secondary). The successful candidate is expected to establish a research program related to sensory, metabolic or neural signals related to feeding. Preference will be given to applicants with interests and expertise in one of the following areas: energy balance, metabolism, fitness; bone health; or botanicals. An emphasis in the former area is particularly desired because of a recent University-based emphasis on cluster hires in obesity research and newly established Ingestive Behavior Research Center (IBRC). Collaborations with faculty in existing strong program areas of appetite, chemosensory function, energy balance, neurobiology, behavior, bioactive peptides and/or functional foods is expected. Qualifications include a record of scholarly activity as evidenced by publications and successful grantmanship. Salary will be commensurate with experience. Initial screening of applications will begin January, 2007 and continue until a successful applicant is identified. The application, including: 1) a description of current and planned scholarly activities; 2) a CV; and 3) the names, addresses, email and telephone numbers of three persons willing to serve as references, should be mailed to: Richard D. Mattes, M.P.H., Ph.D., R.D., Search Committee Chair,Department of Foods and Nutrition, 1264 Stone Hall, Purdue University,West Lafayette, IN 47907-2059, Phone: 765.494.0662 Fax: 765.494-0674 mattes@purdue.edu. Purdue University provides the resources and amenities of a Big Ten University in a setting that offers a high quality of life. Purdue is an Equal Access/Equal Opportunity/Affirmative Action Employer.

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SEX AND GENDER IN CARDIOVASCULAR-RENAL PHYSIOLOGY AND PATHOPHYSIOLOGY

AUGUST 9-12, 2007, AUSTIN, TEXAS

Preliminary Program

SEX STEROIDS IN CLINICAL AND EPIDEMIOLOGICAL STUDIES
Jane V. Reckelhoff (Chair)

UPDATE ON SEX STEROID RECEPTORS AND CARDIOVASCULAR DISEASES
Pascale Lane (Chair)

SEX STEROIDS AND METABOLIC SYNDROME
Carmen Hinojosa-Laborde (Chair)

SEX STEROIDS, THE RENIN-ANGIOTENSIN SYSTEM AND HYPERTENSION
Kathryn Sandberg (Chair)

SEX STEROIDS AND TARGET ORGAN INJURY
David Pollock (Chair)

SEX STEROIDS, PREGNANCY, PRE-ECLAMPSIA, AND FETAL PROGRAMMING
Barbara Alexander (Chair)

SEX STEROIDS AND VASCULAR FUNCTION
John Stallone (Chair)

DEADLINES: Abstract: March 31, 2007
Advance Registration: June 11, 2007

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PAST THEMES

Lipid Metabolism and Liver Inflammation

Feb. 2006  Hepatic fatty acid uptake: possible role in steatosis  M. W. Bradbury
May 2006  Fatty liver disease and fatty acid oxidation  J. K. Reddy and M. S. Rao

Mechanisms of Liver Injury

Apr. 2006  TNF-α-induced liver injury: role of IKK, JNK, and ROS pathways  R. F. Schwabe and D. A. Brenner
Jun. 2006  Mechanisms of neutrophil-induced liver cell injury during hepatic ischemia-reperfusion and other acute inflammatory conditions  H. Jaeschke
Jul. 2006  Role of glutathione redox status in liver injury  D. Han, N. Hanawa, B. Saberi, and N. Kaplowitz

CURRENT THEMES

Taste Receptors in the Gastrointestinal Tract

Aug. 2006  Bitter taste receptors and α-gustducin in the mammalian gut  E. Rozengurt
Nov. 2006  t-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
  Functional role of bitter taste receptors  C. Sternini
  Sweet taste receptors  S. Shirazy-Beechey
  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
  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