CALL FOR NOMINATIONS

For the Editorship of

Physiology

Nominations are invited for the Editorship of *Physiology* to succeed W. Boron, who will complete his term as Editor on June 30, 2012. The Publications Committee plans to interview candidates in the Fall of 2011.

Applications should be received before **August 15, 2011**.

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

Hershel Raff, Ph.D.
American Physiological Society
9650 Rockville Pike
Bethesda, MD 20814-3991
The Columbus Instruments Oxymax - CLAMS (Comprehensive Lab Animal Monitoring System) is a versatile device for monitoring metabolic performance of mice and rats. Customers choose from a selection of sub-systems that allow for the measurement of these possible parameters:

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- Yoked and/or Paired Feeding
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- Body Mass
- Optional Environmental
- Breaths / Minute
  Enclosure

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- Path of Movement
- Ambulatory Movement
- Stereotypic Movement
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- Hole Poke
- Light / Dark
- Time-In-Square

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The Columbus Instruments NIBP system measures blood pressure in mice and rats by way of specially designed tail cuffs. The system can support measurements in up to 8 animals, key features include:

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- Thermostatic and adjustable Warming control
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The consolidated *American Journal of Physiology (AJP)* ranks as one of the most frequently cited publications among all physiology journals listed in the Journal Citation Index. Published in two monthly volumes by the American Physiological Society, the consolidated AJP brings you approximately 2,600 articles encompassing over 21,000 pages annually.

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2011 American Physiological Society Conferences

2011 APS Conference:
7th International Symposium on Aldosterone and the ENaC/Degenerin Family of Ion Channels: Molecular Mechanisms and Pathophysiology

DATE: September 18-22, 2011
PLACE: Asilomar Conference Grounds Pacific Grove, California (USA)

Abstract: June 1, 2011
Registration: August 12, 2011
Housing: August 12, 2011

For more information or to register, visit:
www.the-aps.org/enac

Preliminary Program
- Structure and Function of ENaC and Related Transporters
- Structure and Function of Mineralocorticoid and Glucocorticoid Receptors
- Regulation of ENaC Biogenesis, Trafficking and Gating
- Aldosterone Synthesis and Regulation of Adrenal Cortex Function
- Non-Epithelial Actions of Aldosterone and Crosstalk with Other Systems
- ENaC Pathophysiology
- Aldosterone Pathophysiology

2011 APS Conference:
Physiology of Cardiovascular Disease: Gender Disparities

DATE: October 12-14, 2011
PLACE: University of Mississippi Medical Center Jackson, Mississippi (USA)

Abstract: June 20, 2011
Advance Registration: September 12, 2011
Housing: September 15, 2011

For more information or to register, visit:
www.the-aps.org/gender2011

Preliminary Program
- Aging and Cardiovascular Disease
- Gender Disparities in Renal Disease
- Diabetes, Obesity and Cardiovascular Disease
- Neuro Mechanisms and Depression in Cardiovascular Disease
- Gender Disparities in Cardiology
- Cardiovascular Disease and Inflammation
- Gender Differences in Vascular Function
- Cardiovascular Disease and Fertility

The American Physiological Society, Meetings Department
Phone: 301.634.7967 • Fax: 301.634.7264 • E-mail: meetings@the-aps.org
2011 APS Conference:
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September 18-22, 2011 • Asilomar Conference Grounds, Pacific Grove, California

2011 APS Conference:
Physiology of Cardiovascular Disease: Gender Disparities
October 12-14, 2011 • University of Mississippi Medical Center, Jackson, Mississippi

Experimental Biology 2012
April 21-25, 2012 • San Diego, California

2012 APS Intersociety Meeting:
The Integrative Biology of Exercise VI
October 10-13, 2012 • Westin Westminster, Colorado
Call for Papers
Integrative and Translational Physiology: Inflammation and Immunity in Organ System Physiology

All papers accepted for publication will be published immediately online, and will appear in the next available print issue. Each print issue will have a special section dedicated to the Call for Papers.

Submission deadline: April 30, 2012

The American Journal of Physiology—Regulatory, Integrative and Comparative Physiology is soliciting submission of original manuscripts and review articles, addressing novel roles for inflammation and immunity in organ system physiology and pathophysiology.

This Call for Papers is in recognition of advances in our understanding of the participation of innate and adaptive immune responses in diverse conditions, such as obesity, insulin resistance, atherosclerosis, hypertension, neoplasia, lung disease, and bone biology. Appropriate topics include the role of phagocytes, T cells, and B cells, as well as the effect of cytokines, pattern recognition receptors, and inflammatory signaling molecules in modulation of normal and abnormal organ function. Papers addressing how inflammation and immunity are triggered to perturb organ function are particularly encouraged. These could include, but are not limited to, those dealing with exercise, aging, sex differences, and/or various cellular stressors (i.e., hypoxia, temperature, etc.) and specific disorders, including obesity, diabetes, cancer, and diseases of the cardiovascular, kidney, respiratory, and central nervous systems. This Call for Papers includes cellular/molecular, biochemical, integrative, comparative, and translational studies.

The Organizing Editor is David M. Pollock. David G. Harrison from Vanderbilt University will be the Guest Editor for this Call for Papers. Dr. Harrison is an internationally recognized leader in research exploring the role of the immune system in cardiovascular physiology.

Organizing Editor:
David M. Pollock: dpollock@georgiahealth.edu

Guest Editor:
David G. Harrison: david.g.harrison@vanderbilt.edu

Note to Authors: All manuscripts should be submitted online via eJournal Press, http://ajpregu.msubmit.net. During the online submission, under the “Keywords, Categories, Special Section” tab, please choose “Inflammation, Immunity, and Organ System Physiology” under “Category.” In addition, include a note in your cover letter indicating you are responding to the “Inflammation, Immunity, and Organ System Physiology” Call for Papers.

The manuscript will undergo normal peer review. If accepted, the article will be highlighted simultaneously with other papers appearing in response to this announcement, if possible. Submissions will be reviewed as they are received, and will be published online immediately upon acceptance.

Manuscripts can be submitted anytime, but to be eligible for inclusion in this Call for Papers, manuscripts must be submitted by April 30, 2012. If you have any questions or already have a manuscript in this area submitted to the American Journal of Physiology—Regulatory, Integrative and Comparative Physiology and would like to have it included in this series, please contact the Editor-in-Chief, Dr. Curt D. Sigmund (phone: 319-384-2857; e-mail: ajp-regulatory@uiowa.edu).

Call for Papers
Integrative and Translational Physiology: Integrative Aspects of Energy Homeostasis and Metabolic Diseases

All papers accepted for publication will be published immediately online, and will appear in the next available print issue. Each print issue will have a special section dedicated to the Call for Papers.

Submission deadline: April 30, 2012

The American Journal of Physiology—Regulatory, Integrative and Comparative Physiology is soliciting original manuscripts and review articles addressing the physiological and metabolic factors involved in the three major components of energy homeostasis: intake, expenditure, and storage. Specific emphasis will be on those integrative factors that are either affected by, or contribute to, the development and maintenance of metabolic diseases, such as obesity and diabetes.

The organizing editor is Dr. Barry Levin. Each component of energy metabolism will have two or three guest editors who will help to identify potential authors of reviews in these areas, as well as encourage researchers within their areas to submit original publications. The guest editors are listed below. Appropriate topics in the energy intake area include central and peripheral factors involved in regulating feeding, including, but not limited to, gastric bypass and pharmacotherapy. Energy expenditure topics may include, but are not limited to, surgically, pharmacologically, exercise-, and diet-induced changes in expenditure and sources of expenditure. Energy storage topics can involve any factor having to do with adipocyte biology and regulation but may also include ectopic storage in muscle and liver and other organs. These topics should relate in some way to metabolic diseases. Finally, this Call for Papers is especially meant to address the integration of different levels of scientific analysis, from molecular to cellular, systemic to behavioral, as well as the connections among homeostatic and reward-based, peripheral, and central factors involved in energy homeostasis regulation.

Note to Authors: All manuscripts should be submitted online via eJournal Press, http://ajpregu.msubmit.net. During the online submission, under the “Keywords, Categories, Special Section” tab, please choose “Energy Homeostasis and Metabolic Diseases” under “Category.” Indicate in the cover letter that the submitted manuscript is in response to the “Integrative Aspects of Energy Homeostasis and Metabolic Diseases” Call for Papers and also indicate the specific area of energy homeostasis at which it is aimed. Because some papers will involve more than one area, authors should provide a priority list of the areas in which they would like the paper to be reviewed.

Manuscripts will undergo normal peer review. If accepted, the article will be highlighted simultaneously with other papers appearing in response to this announcement, if possible. Submissions will be reviewed as they are received and will be published online immediately upon acceptance. While most reviews will be solicited by the guest editors, we will also accept suggestions from authors who wish to write a relevant review and submit this request by e-mail to an appropriate guest editor.

Organizing Editor:
Barry E. Levin: levin@umdnj.edu

Guest Editors: Energy Intake
Gerard P. Smith: gsmith@med.cornell.edu
Hans-Rudolf Berthoud: berthohr@pbrc.edu
Wolfgang Langhans: wlanghans@ethz.ch

Guest Editors: Energy Expenditure
Frank W. Booth: boothf@missouri.edu
Rudolph Leibel: ril232@columbia.edu

Guest Editors: Energy Storage
Timothy J. Bartness: bartness@gsu.edu
Michael D. Jensen: jenscn@mayo.edu

Manuscripts can be submitted anytime, but to be eligible for inclusion in this Call for Papers, manuscripts must be submitted by April 30, 2012. If you have any questions or already have a manuscript in this area submitted to the American Journal of Physiology—Regulatory, Integrative and Comparative Physiology and would like to have it included in this series, please contact the Editor-in-Chief, Dr. Curt D. Sigmund (phone: 319-384-2857; e-mail: aip-regulatory@uiowa.edu).