Under the NIH Public Access Policy, NIH is asking its funded investigators to voluntarily submit to PubMed Central (PMC) the author’s final manuscript of articles resulting from research supported in whole or in part with direct costs from NIH. According to the NIH, this policy applies only to manuscripts accepted for publication on or after May 2, 2005.

If you choose to submit your accepted manuscript to PMC, you will be asked to indicate when that manuscript should be made available to the public. As copyright holder of your article, the APS has the sole right to publish or disseminate it. However, the APS grants you permission to allow public release of your manuscript through PMC 12 months after publication in the print version of an APS journal. This period of time is consistent with our existing policy to make all content publicly available through HighWire Press 12 months after print publication. NIH will be able to determine when 12 months have elapsed because APS sends NIH electronic feeds of the article metadata upon publication in a journal issue. Therefore, you can submit your accepted manuscript to PMC at the time of acceptance to an APS journal, and will not have to calculate or track time elapsed from publication.

NIH intends to use the PMC database of manuscripts for portfolio management; to create a permanent archive of articles based upon NIH-funded research; and to give the public access to research publications. In announcing this policy, NIH officials underscored that it is voluntary and there will be no sanctions of any kind against authors who do not submit their manuscripts. If you have any questions with respect to the NIH Public Access Policy and the publication of your article in an APS journal, please contact Margaret Reich at mreich@the-aps.org.
CALL FOR NOMINATIONS
for the Editorship of the

*American Journal of Physiology–Regulatory, Integrative,*
*and Comparative Physiology*

Nominations are invited for the Editorship of the *American Journal of Physiology–Regulatory, Integrative,* and *Comparative Physiology* to succeed P. Persson, who will complete his term as Editor on June 30, 2007. The Publications Committee plans to interview candidates in the Fall of 2006.

Applications should be received before **August 15, 2006.**

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

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CALL FOR NOMINATIONS
for the Editorship of the

*American Journal of Physiology-Renal Physiology*

Nominations are invited for the Editorship of the *American Journal of Physiology-Renal Physiology* to succeed J. Sands, who will complete his term as Editor on June 30, 2007. The Publications Committee plans to interview candidates in the Fall of 2006.

Applications should be received before **August 15, 2006.**

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
Call for Papers
American Journal of Physiology-Regulatory, Integrative and Comparative Physiology

Regulation of Glomerular Function by Podocytes

The American Journal of Physiology-Regulatory, Integrative and Comparative Physiology is soliciting the submission of original manuscripts in the field of physiological and molecular mechanisms regulating glomerular function, with particular emphasis on how glomerular cells, such as podocytes, regulate glomerular function. This call for papers reflects several recent discoveries in the areas of slit diaphragm protein function, glomerular architecture, glomerular basement membrane function, and the role of autocrine and paracrine mediators of glomerular endothelial and epithelial function, including those in the macula densa. Manuscripts in the areas named above are specifically sought. This call for papers is understood to include both basic and translational studies.

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 together with other studies appearing in response to this call.

The submission deadline for this topic is June 30, 2006. 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 for this series, please contact Guest Editor, David Bates (Dave.Bates@bris.ac.uk).

Call for Papers
American Journal of Physiology-Regulatory, Integrative and Comparative Physiology

Sex Differences in Renal and Cardiovascular Function; Physiology and Pathophysiology

The American Journal of Physiology-Regulatory, Integrative and Comparative Physiology is soliciting the submission of original manuscripts in the field of physiological and molecular mechanisms governing sexual dimorphism of kidney and cardiovascular function. This call for papers is associated with the 2005 and 2006 EB featured topics on this subject. This call for papers includes basic and translational studies.

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 together with other studies appearing in response to this call.

The submission deadline for this topic is May 31, 2006. 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 for this series, please contact Guest Editors, Chris Baylis and Kate Denton (baylisc@ufl.edu and kate.denton@med.monash.edu.au).
Call for Papers
American Journal of Physiology-Regulatory, Integrative and Comparative Physiology

Regulation of Cardiac Muscle Contraction

The American Journal of Physiology-Regulatory, Integrative and Comparative Physiology is soliciting the submission of original manuscripts in the field of regulation of muscle contraction. This call for papers specifically requests studies investigating how cardiac contraction and relaxation are modulated by factors, such as phosphorylation status, sarcomere length, isoform composition, passive force, and chemical environment. Studies are also welcome in the areas of myofilament cell signalling, sarcomeric protein involvement in cardiomyopathies, and the integrative biology of cardiac contractility.

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 together with other studies appearing in response to this call.

The submission deadline for this topic is July 31, 2006. 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 Guest Editor, Kerry S. McDonald. (phone: 573-882-8260; e-mail: mcdonaldks@missouri.edu).
The American Physiological Society (APS) announces the publication of a Resource Book for the Design of Animal Exercise Protocols intended for researchers, Institutional Animal Care and Use Committees (IACUCs), and those involved with research oversight. The authoring committee, which was comprised of exercise physiologists and laboratory animal veterinarians, reviewed reference material and drew upon their own experience to compile suggestions about how to design, review, and implement experimental paradigms involving animals and exercise.

The APS Resource Book is intended to promote an informed dialogue that can help researchers and their IACUCs arrive at satisfactory answers to questions about how to assure the welfare of animals in exercise research protocols.

Topics addressed in the APS Resource Book include general concerns such as selecting appropriate animal models for exercise research, study design considerations, animal stress, working with compromised animals, and the impact of surgery on exercise. (See excerpts from the Table of Contents at the right).

In addition to some 400 citations, the book includes appendices on hind limb suspension and immobilization of rats and mice and a set of sample animal exercise protocol review scenarios.

TO ORDER: NIH’s Office of Laboratory Animal Welfare (OLAW) sponsored the development of the APS Resource Book, and single copies are available free of charge from OLAW while supplies last. Contact OLAW@od.nih.gov to request a free copy.

Copies may also be purchased for $9.50 each from the APS. To order, go to the APS website at: www.the-aps.org/store/

The PDF of the book is available online at http://www.the-aps.org/pa/action/exercise/