The American Physiological Society has changed the mail dates for the print journals effective January 2007.

In order to synchronize the issue month with the mail date, the journals will now mail within the month of issue.

Beginning January 2007, the January print issue of the APS journal you subscribe to will mail in January, rather than in the last two weeks of December, as it did in 2006. The online version will be posted the first week of January instead of mid-December as it did previously.

You will experience receiving the journals later than usual, but we want to assure you that you will receive them within the month of issue.

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SEX AND GENDER IN CARDIOVASCULAR-Renal PHYSIOLOGY AND PATHOPHYSIOLOGY

AUGUST 9-12, 2007, AUSTIN TEXAS

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

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

SEX STEROIDS AND VASCULAR FUNCTION
John Stallone (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)

DEADLINES:
Abstract: March 30, 2007
Advance Registration: June 11, 2007
Frances Mary Ashcroft
University of Oxford

“ATP-sensitive K-channels and Disease: From Molecule to Malady”

Saturday, April 28, 5:45 pm
Ballroom B
Washington DC Convention Center

James D. Stockand
University of Texas

“New Insight Into the Regulation of ENaC by Small G Proteins and Phosphatidylinositides”

Sunday, April 29, 5:45 pm
Ballroom B
Washington DC Convention Center
The American Journal of Physiology-Regulatory, Integrative and Comparative Physiology has an impact factor of 3.802 and publishes original investigations that illuminate normal or abnormal regulation and integration of physiological mechanisms at all levels of biological organization, ranging from molecules to humans, including clinical investigations. Major areas of emphasis include:

- appetite, obesity, digestion, and metabolism
- genetically modified animals and model organisms
- inflammation and cytokines
- renal hemodynamics and cardiorenal integration
- neurohumoral control of cardiovascular function
- developmental physiology and pregnancy
- environmental, exercise and respiratory physiology
- comparative and evolutionary physiology
- sleep and temperature regulation
- water and electrolyte homeostasis

Authors are required to submit papers online at www.apscentral.org.

For Further Information, Contact:
The American Physiological Society
9650 Rockville Pike, Bethesda, MD 20814-3991 (USA)
Tel: 301-634-7180, Fax: 301-634-7418
E-mail: subscriptions@the-aps.org, Web: www.the-aps.org
Call for Papers
American Journal of Physiology-Regulatory, Integrative and Comparative Physiology

Connexins and the Kidney

The American Journal of Physiology-Regulatory, Integrative and Comparative Physiology is soliciting the submission of original manuscripts in the field of (patho)physiological regulation of kidney function by connexins. This call for papers reflects several recent discoveries on the various isoforms of this gap junction protein and on the vital role they play in intercellular communication, regulation of renal vascular function, renal blood flow, the glomerular filtration process, renin release, nephron-nephron coupling, and tubular reabsorption. This special call invites scientists to submit their work on physiological and molecular mechanisms, the function and regulation of connexins (gap junctions or hemichannels) in the kidney, which is related to any aspects of kidney function including integrative and organ 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, 2007. 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 Guest Editors, Dr. Janos Peti-Peterdi (Phone: 323-442-4337; e-mail: petipete@usc.edu) or Dr. Niels-Henrik Holstein-Rathlou (Phone: +45 35327408; e-mail: nhhr@mfi.ku.dk).

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

Control Mechanisms of Renin Synthesis and Release: A 21st Century Perspective

The American Journal of Physiology-Regulatory, Integrative and Comparative Physiology is soliciting the submission of original manuscripts in the field regarding the control mechanisms of renin synthesis and release. This call for papers reflects issues surrounding the renin-angiotensin system (RAS). RAS plays a pivotal role for a variety of cardiovascular functions. The diversity of renin actions is reflected by its complex control.

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, 2007. 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 Editor, Dr. Pontus B. Persson (Phone: +49 (0)30 450 528 172; e-mail: pontus.persson@charite.de).
Call for Papers

American Journal of Physiology-Regulatory, Integrative and Comparative Physiology

Insulin Resistance and the Cardiometabolic Syndrome:
Adipose Tissue and Skeletal Muscle Factors

The American Journal of Physiology-Regulatory, Integrative and Comparative Physiology is soliciting the submission of original manuscripts addressing the physiological and molecular mechanisms accounting for impaired skeletal muscle and adipose tissue responses to insulin. This call for papers is in recognition of the fundamental role of skeletal muscle and adipose tissue in the metabolic dysregulation associated with obesity and physical inactivity and its contribution to type 2 diabetes mellitus and the cardiometabolic syndrome. Papers addressing the role of adipose tissue expansion and distribution, including intramuscular lipid accumulation, altered inflammatory cytokine pathways, increased renin-angiotensin system activity, and oxidative stress are sought. In addition, papers exploring altered skeletal muscle and adipose tissue metabolic flexibility, mitochondrial oxidative capacity, and substrate utilization in insulin-resistant states, particularly those associated with obesity and physical inactivity, are welcome. This call for manuscripts 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 October 1, 2007. 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, Dr. Craig Stump (Phone: 520-626-3729; e-mail: cstump@deptofmed.arizona.edu).
Abbreviations

Listed are abbreviations and their definitions. These may be used without definition in the APS Journals. See Information for Authors (www.the-aps.org/publications/journals/pub_quick.htm) for other abbreviations, symbols, and terminology.