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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.
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*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 December 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 for this series, please contact Editor in Chief, Prof. Dr. Pontus B. Persson (++ 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).
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Abbreviations

Listed below 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.

ACCh acetylcholine
ACTH adrenocorticotropic hormone
ADP (CDP)
 GDP, IDP, TDP
adenosine 5'-diphosphate (and similarly for cytidine, guanosine,
inosine, uridine, xanthosine, thymidine)

BAPTA 1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid
BCECF 2',7'-bis(2-carboxyethyl)-5(6)-carboxyfluorescein
bp base pair(s)
BSA bovine serum albumin
CaMK Ca2+/calmodulin-dependent kinase
cAMP, etc. adenosine 3',5'-cyclic monophosphate, etc.
CaMKK CaMK kinase
CGRP calcitonin gene-related peptide
cDNA complementary DNA
CFTR cystic fibrosis transmembrane conductance regulator
cGRP calcitonin gene-related peptide
cCoA coenzyme A (also, acyl-CoA)
CCK cholecystokinin
CCP carbonyl cyanide p-chlorophenylhydrazone
CaM calmodulin
CaMK II Ca2+/calmodulin-dependent kinase
CGRP calcitonin gene-related peptide
cDNA complementary DNA
CPT cytochrome P450, reductase
CREB cyclic AMP response element binding protein
Cre recombinase
C-terminal cysteine-rich domain
CYP cytochrome P450

ILES 3,5-diiodo-l-thyronine (T2), triiodothyronine (T3)
IMM immunoglobulin M
INN International Nonproprietary Name
IgG immunoglobulin G

BMPS 3',5'-bisphosphoinositide

BAPTA 1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid
BCECF 2',7'-bis(2-carboxyethyl)-5(6)-carboxyfluorescein
bp base pair(s)
BSA bovine serum albumin
CaMK Ca2+/calmodulin-dependent kinase
cAMP, etc. adenosine 3',5'-cyclic monophosphate, etc.
CaMKK CaMK kinase
CGRP calcitonin gene-related peptide
cDNA complementary DNA
CFTR cystic fibrosis transmembrane conductance regulator
cGRP calcitonin gene-related peptide
cCoA coenzyme A (also, acyl-CoA)
CCK cholecystokinin
CCP carbonyl cyanide p-chlorophenylhydrazone
CaM calmodulin
CaMK II Ca2+/calmodulin-dependent kinase
CGRP calcitonin gene-related peptide
cDNA complementary DNA
CPT cytochrome P450, reductase
CREB cyclic AMP response element binding protein
Cre recombinase
C-terminal cysteine-rich domain
CYP cytochrome P450

ILES 3,5-diiodo-l-thyronine (T2), triiodothyronine (T3)
IMM immunoglobulin M
INN International Nonproprietary Name
IgG immunoglobulin G

BMPS 3',5'-bisphosphoinositide