American Journal of Physiology-Cell Physiology

Scope of Journal
The American Journal of Physiology-Cell Physiology promotes contemporary and innovative research that seeks answers to physiological questions related to normal and abnormal cellular function. It brings together contributions from many scientific disciplines, including cell and molecular biology, biophysics, biochemistry, immunology, and pharmacology. AJP-Cell Physiology covers all areas of cellular physiology, including:

- epithelial and membrane transport, ion channel regulation, volume regulation, ATPases
- vesicle trafficking and protein targeting, cell polarity, endo/exocytosis, secretion
- cellular differentiation, growth factors, angio genesis, vascular, cardiac and smooth muscle biology, erythrocyte biology
- cytoskeleton, microtubules, actin, intracellular junctions, cell-matrix interactions, cell pathophysiology, inflammation, ischemia, toxicity, cell and mitochondrial respiration, apoptosis, cellular immunology
- cell imaging, intracellular signaling, pH, calcium, fluorescent probes

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Paul S. Brookes, Yisang Yoon, James L. Robotham, M. W. Anders, Shey-Shing Sheu

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Philipp A. Lang, Stefanie Kaiser, Swetlana Myssina, Thomas Wieder, Florian Lang, Stephan M. Huber

Angiotensin II cell signaling: physiological and pathological effects in the cardiovascular system
Puja K. Mehta, Kathy K. Griendling

Bcl-2 family members and apoptosis, taken to heart
Åsa B. Gustafsson, Roberta A. Gottlieb

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Sex Steroids and Gender in Cardiovascular-Renal Physiology and Pathophysiology

Date & Location: July 15-18, 2009
Omni Interlocken Resort, Broomfield, Colorado

Abstracts Due: April 3, 2009
Advance Registration: June 12, 2009

Preliminary Program:
- Sex and Sex Steroids in Renal Function
- Role of Sex Chromosomes in CV-Renal Physiology and Pathophysiology
- Sex Differences in Neural Interactions with Cardiovascular-Renal Systems
- Controversies in the Vascular Actions of Estradiol
- Exercise and Cardiovascular-Renal Health in Men and Women
- Sex Steroids in Stroke
- Sex Steroids and Inflammation

ET-11: APS International Conference on Endothelin

Date & Location: September 9-12, 2009
Marriott Chateau Champlain, Montréal, Canada

Abstracts Due: May 22, 2009
Advance Registration: August 7, 2009

Preliminary Program:
- Cellular Regulation of the Endothelin Pathway
- Pharmacology of Endothelins
- Endothelin in Development and Aging
- Pulmonary Function and Disease
- Career Symposium
  Panel Discussion: The marriage between academia and the pharmaceutical industry - ET shows us the way
- Roles of Endothelin-1 on Cardiac Function and Diseases
- Roles of Endothelin-1 on Vascular Function and Diseases
- Endothelin-1 Renal, Fluid and Electrolyte Physiology and Disease
- Clinical Trials with ET Antagonists: An Update
- Roles of Endothelin-1 in Neurophysiology, Stroke and Related Diseases
- Endothelin-1 in Cancer and Blood Diseases
- Endothelin-1 in Inflammatory Diseases and Pain

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