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Curt Sigmund received his undergraduate education at the State University of New York in Buffalo, NY, and his PhD in Molecular and Cellular Biology from the same institution.

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Editor's Selected Articles

- **Vasopressin and oxytocin excite MCH neurons, but not other lateral hypothalamic GABA neurons**
Yang Yao, Li-Ying Fu, Xiaobing Zhang, and Anthony N. van den Pol
Am J Physiol Regul Integr Comp Physiol 302:R815–R824, 2012.
First published 18 January 2012; doi:10.1152/ajpregu.00452.2011
- **Polydatin, a natural polyphenol, protects arterial smooth muscle cells against mitochondrial dysfunction and lysosomal destabilization following hemorrhagic shock**
Xingmin Wang, Rui Song, Hui Ning Bian, Ulf T. Brunk, Ming Zhao, and Ke-seng Zhao
Am J Physiol Regul Integr Comp Physiol 302:R805–R814, 2012.
First published 25 January 2012; doi:10.1152/ajpregu.00350.2011
- **Early maternal undernutrition programs increased feed intake, altered glucose metabolism and insulin secretion, and liver function in aged female offspring**
Lindsey A. George, Liren Zhang, Nuermaiti Tuersunjiang, Yan Ma, Nathan M. Long, Adam B. Uthlaut, Derek T. Smith, Peter W. Nathanielsz, and Stephen P. Ford
Am J Physiol Regul Integr Comp Physiol 302:R795–R804, 2012.
First published 25 January 2012; doi:10.1152/ajpregu.00241.2011

Scope of Journal

The **American Journal of Physiology—Regulatory, Integrative and Comparative Physiology** 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 regulation in genetically modified animals; model organisms and comparative functional genomics; development and tissue plasticity; neurohumoral control of circulation and hypertension; local control of circulation; cardiac and renal integration; thirst and volume, electrolyte homeostasis; appetite and obesity, and inflammation and cytokines.

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EDITORIALS: Provide commentary by the Editor, Associate Editors, and other scientists and experts on issues related to the Journal's mission as well as of general interest to our readers. Acceptance will reside with the Editors.

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POINT-COUNTERPOINT: These articles deal with controversial concepts in physiology. A short statement of one or two pages is followed up by an alternative view. This new series of the journal sheds light onto key features of regulation that remain a matter of dispute. As a rule, the editors solicit Point-Counterpoint topics; however, suggestions by our readers are more than welcome.

