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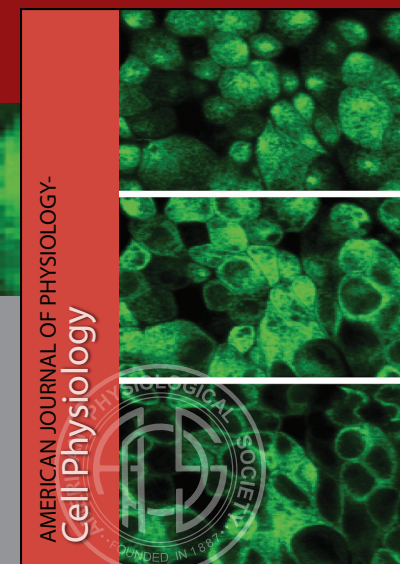
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Editorship



Editor-in-Chief: Paul Insel, MD

Paul Insel received his MD from the University of Michigan in 1968 and completed post-MD training in internal medicine on the Harvard Medical Service at Boston City Hospital. Following service in the United States Public Health Service at the National Institutes of Health for 4 years, he was a fellow in Clinical Pharmacology at the University of California, San Francisco (UCSF), after which he was Assistant Professor-in-Residence in the Department of Medicine, UCSF. He then moved to the University of California, San Diego (UCSD); he has been located at UCSD since 1978 and been Professor of Pharmacology and Medicine since 1987. He was promoted to Distinguished Professor in those departments in 2012. Since 1989, he has also been Director of the Medical Scientist (MD/PhD) Training Program at UCSD.

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Editor's Selected Articles

- **Endothelial Ca²⁺ wavelets and the induction of myoendothelial feedback**
Cam Ha T. Tran, Mark S. Taylor, Frances Plane, Sridevi Nagaraja, Nikolaos M. Tsoukias, Viktoriya Solodushko, Edward J. Vigmond, Tobias Furstentaupt, Mathew Brighan, and Donald G. Welsh
Articles in PresS. Am J Physiol Cell Physiol (January 25, 2012).
doi:10.1152/ajpcell.00418.2011
- **Breast cancer cell-derived matrix supports vascular morphogenesis**
Abigail C. Hielscher, Connie Qiu, and Sharon Gerech
Articles in PresS. Am J Physiol Cell Physiol (January 25, 2012).
doi:10.1152/ajpcell.00011.2012
- **Regulation of cell proliferation of human induced pluripotent stem cell-derived mesenchymal stem cells via ether à go-go 1 (hEAG1) potassium channel**
Jiao Zhang, Yau-Chi Chan, Jenny Chung-Yee Ho, Chung-Wah Siu, Qizhou Lian, and Hung-Fat Tse
Articles in PresS. Am J Physiol Cell Physiol (February 22, 2012).
doi:10.1152/ajpcell.00326.2011
- **Nitric oxide and voluntary exercise together promote quadriceps hypertrophy and increase vascular density in female 18-month-old mice**
Jeff R.S. Leiter, Ritika Upadhaya, and Judy E. Anderson
Articles in PresS. Am J Physiol Cell Physiol (February 8, 2012).
doi:10.1152/ajpcell.00305.2011

Scope of Journal

The *American Journal of Physiology–Cell Physiology* is dedicated to innovative approaches to the study of cell and molecular physiology. Contributions that use cellular and molecular approaches to shed light on mechanisms of physiological control at higher levels of organization also appear regularly. Manuscripts dealing with the structure and function of cell membranes, contractile systems, cellular organelles, and membrane channels, transporters, and pumps are encouraged. Studies dealing with integrated regulation of cellular function, including mechanisms of signal transduction, development, gene expression, cell-to-cell interactions, and the cell physiology of pathophysiological states, are also eagerly sought. Interdisciplinary studies that apply the approaches of biochemistry, biophysics, molecular biology, morphology, and immunology to the determination of new principles in cell physiology are especially welcome.

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Article Types

RESEARCH ARTICLES: Important new research results including the entire contents of a research project. Research articles include an abstract, an introduction, methods and results sections, a discussion, and relevant citations. Large data sets are welcome for inclusion in the online publication. Articles are peer-reviewed.

THEMES: Articles on specific topics, which are Perspectives covering scientific areas of new discoveries, rapid progress, and exciting new opportunities in the field of cellular physiology research. Opinionated highlights of what is new, exciting, and perhaps controversial, in the field and that, in addition, will help educate readers unfamiliar with the area.

PERSPECTIVES: Short articles that disseminate new and original lines of thinking in physiology.

INNOVATIVE METHODOLOGY: Manuscripts submitted under this category should describe new methods for the recording, collection, and/or analysis of data relevant to understanding how the physiological system works.

REVIEW ARTICLES: Synthesis of state-of-the-art knowledge in a defined area highlighting new questions and pointing to future research directions. They encompass examination of biological processes, systems, and models, and technologies for their study. Typically, reviews are invited and all are peer-reviewed.

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.

EDITORIAL FOCUS ARTICLES: Commentaries on papers of unusual interest published in the journal that were chosen by the Editor to be highlighted by a brief Editorial Focus commentary.

LETTERS TO THE EDITOR: Short letters reviewed by the appropriate Editor and subject to editing and possible abridgment. They do not include original, unpublished data. They also address matters of general interest to the readership.

