The consolidated *American Journal of Physiology* (AJP) ranks as one of the most frequently cited publications among all physiology journals listed in the Journal Citation Index. Published in two monthly volumes by the American Physiological Society, the consolidated AJP brings you approximately 2,600 articles encompassing over 21,000 pages annually.

The consolidated edition of the AJP provides comprehensive coverage of the latest research published in these important specialty journals:

- Cell Physiology
- Endocrinology and Metabolism
- Gastrointestinal and Liver Physiology
- Heart and Circulatory Physiology
- Lung Cellular and Molecular Physiology
- Regulatory, Integrative and Comparative Physiology
- Renal Physiology

As your comprehensive source for the full spectrum of current physiological research at a single low subscription price, the consolidated AJP is an unbeatable value.
CALL FOR NOMINATIONS

For the Editorship of

Physiology

Nominations are invited for the Editorship of Physiology to succeed W. Boron, who will complete his term as Editor on June 30, 2012. The Publications Committee plans to interview candidates in the Fall of 2011.

Applications should be received before August 15, 2011.

Nominations, accompanied by a curriculum vitae, should be sent to the Chair of the Publications Committee:

Hershel Raff, Ph.D.
American Physiological Society
9650 Rockville Pike
Bethesda, MD 20814-3991
BIOSIS PREVIEWS • ISI Web of Science • MEDLINE and PubMed: APS Journal content is indexed through all of these excellent services.

HighWire: APS journals are hosted by HighWire Press (a division of Stanford University Libraries), the leading ePublishing platform for high impact, peer-reviewed content, with 1,465 journals.

eTOCs (electronic Table of Contents): Receive instant notification of new APS content.

CiteTrack: Use your own criteria and key words to be notified of newly posted APS journal content.

RSS Feeds: Another great way to receive a notification of newly posted APS journal content.

Free Necessary Color: Regular or Student members of APS who are first or last authors of articles in any of the APS research journals get free scientifically necessary color.

FREE Online Access to the extensive collection of back issues 12 months after publication.

AuthorChoice: Authors can choose to pay a fee on top of regular author fees and have their articles publicly available upon publication.

Articles in Press: Instant, subscription-based access to newest research (post-acceptance, pre-copyedited) in original manuscript format.

Legacy Content: Online package of over 100 years of historical scientific research from 13 American Physiological Society research journals going back to the first issue of each of the APS journals.

Manuscripts online within days of acceptance!
ION CHANNELS AND TRANSPORTERS IN CANCER THEME PAPERS

*American Journal of Physiology-Cell Physiology* theme: Ion channels and transporters in cancer
( Editorial) (August 2011)

*Annarosa Arcangeli and Jason X.-J. Yuan*

Ion channels and cell proliferation in cancer (August 2011)

*Andrea Becchetti*

Ion channels and the control of cancer cell migration (September 2011)

*Vishnu Anand Cuddapah and Harald Sontheimer*

Ion channels and the control of cancer cell apoptosis (October 2011)

*Natalia Prevarskaya*

Ion channels in the tumor cell-microenvironment cross talk (November 2011)

*Annarosa Arcangeli*

Remodeling of Ca\(^{2+}\) signaling in tumorigenesis: the role of Ca\(^{2+}\) transport (December 2011)

*Jane M. Lee, Felicity M. Davis, Sarah J. Roberts-Thomson, and Gregory R. Monteith*

TRP channels and tumor angiogenesis (January 2012)

*Indu Ambudkar*

Membrane potential in proliferation and differentiation of stem cells and cancer stem cells
(February 2012)

*David. L. Kaplan*
HYPOXIA THEME PAPERS

*American Journal of Physiology-Cell Physiology* Theme: Hypoxia (Editorial) (February 2011)

*G. L. Semenza*

Intracellular sensors for oxygen and oxidative stress: novel therapeutic targets (February 2011)

*T. Miyata, S. Takizawa, and C. van Ypersele de Strihou*

Hypoxia regulates cellular metabolism (March 2011)

*W. W. Wheaton and N. S. Chandel*

Hypoxia and neurotransmitter synthesis (April 2011)

*G. K. Kumar*

Hypoxia and ion channel function (May 2011)

*L. A. Shimoda and J. Polak*

Hypoxia and human genetics (June 2011)

*D. Yoon, P. Ponka, and J. T. Prchal*

Cross talk between oxygen sensing and the cell cycle machinery (September 2011)

*G. L. Semenza*